

THE
UNIVERSITY
OF RHODE ISLAND
INTERNATIONAL
ENGINEERING
PROGRAM

Meeting of the
Advisory Board

June 22, 2016

Barcelona, Spain

Letter from the Executive Director

Dear Members of the IEP Advisory Board:

I am writing my director's notes inspired by the many grateful IEP students and families I met at this year's College of Engineering Commencement ceremony – it saw the largest number of IEP grads, 45, receive their dual degrees. This accomplished class garnered over 50% of the COE's academic excellence awards and will go on to do exciting things, such as continue their master's studies in France and Germany, enroll in a Ph.D program at Stanford University, or have their master's funded by their employers, e.g. at NUWC. Some joined German companies (ZF, Physikinstrumente, Schott) or U.S. companies with a global footprint (e.g. Cummins, Shell Oil). Having just sent off this year's graduates, I was greeted by a group of German IEPers moving into the TI house to start this year's German summer school on May 23rd followed by the Chinese summer school a few weeks later. At the same time, the Japanese program is running two intermediate JPN summer courses, and Italian summer immersion in Calabria will be starting right after our board meeting. It seems that the IEP never stops. It certainly has an intensity which keeps all of our wonderful students, faculty, and staff extremely busy!

Other highlights and innovative developments this year include:

- Naming of **the John Grandin IEP House** after its founder on May 22, 2015
- Establishment of the **Hexagon Spanish IEP Scholarship Fund** which will yield additional scholarships for the deserving students in the 2nd largest IEP program
- Establishment of the **Shimadzu Fund** which will support building the **Japanese IEP**
- Sending the first cohort of nine to our second German partner institution, the **TU Darmstadt**
- A leaner **German summer school model** geared towards teaching German for Engineers funded by the Max Kade Foundation
- Establishment of **IEP Advisory Board committees** – addressing program, governance, and fundraising related issues – we will hear from the committee chairs at our board meeting

One of the main goals moving forward is to run a strong fundraising campaign this Fall and a related alumni reunion in Spring 2017 as we are nearing the IEP's 30th anniversary (1997-2017!), which coincides with URI's 125th anniversary. IEP Advisory Board Chair Heidi Kirk-Duffy, Dave Duffy, our Deans, Robert Clough, and I had a first promising meeting with the new URI Foundation President Lil O' Rourke and expressed our request that the IEP as one of URI's premier programs be included in URI's capital campaign. The Advisory Board Fundraising Committee (Berka, Clough, Grandin, Pell, and Sargent) have begun to develop a timeline. While the John Grandin Directorship Fund has seen additional growth this year due to a major donation from Heidi and a high percentage of giving participation by IEP advisory board members, it certainly needs a major boost to achieve the goal of financial independence set in 2010 when it was established as an endowment fund.

This year has been filled with both joy and sadness for the IEP. First, our heartfelt congratulations go to Italian IEP director Michelangelo La Luna who got married to Daniela Roma, an accomplished concert pianist. This year also saw the passing away of IEP board member emeritus Hubertus Christ, without whose energetic and most generous help in the beginning years of the IEP our program would not be the success story it is today (please see memorial tribute on page III).

I wish to thank Angus Taylor and his team for generously hosting the 2016 IEP Advisory board meeting at Hexagon Manufacturing Intelligence in Barcelona this year, Silke Scholz for coordinating this meeting, and all of you for coming to this exciting city this June. I look forward to an informative meeting, sight-seeing in Barcelona, and to our first IEP visit to the Universidad de Zaragoza as well as a new evolving French IEP partner university, the Institut Supérieur Aquitaine du Bâtiment et des Travaux Publics (ISABTP). And a special thank you to Angela Graney and Heather Price for putting this report together.

Sincerely,



Sigrid Berka

In Memory of Hubertus Christ



Hubertus Christ was a remarkable man, an educator, an engineer, a visionary, a leader who left his mark in so many areas, including the University of Rhode Island International Engineering Program. We were fortunate to be able to include him in our deliberations for so many years, and he supported us in so many ways throughout the entire history of the IEP. We will miss him greatly.

Hubertus Christ began his career as a mechanical engineering student at the prestigious Technical University of Karlsruhe where he earned both undergraduate and graduate degrees and stayed on as researcher and faculty member. From there he moved to the automobile industry to lead the research and development teams for several key departments of Daimler Benz. With his growing reputation it was not long before he was called to be a member of the management board (Mitglied des Vorstands) of ZF Friedrichshafen as their leader in new technologies.

Hubertus transitioned to advisory leadership in retirement, sitting on the Board of Directors (Aufsichtsrat) at ZF, as well as at several other leading key European companies, such as Hilti, Vorwerk, and Texas Instruments Germany, as well as at several institutions of higher learning, including, of course, URI. Sought after for his expertise, vision, and enthusiasm for innovation, Hubertus became the head of Germany's leading professional engineering society (Verein Deutscher Ingenieure) where he developed new approaches to attracting young people to the engineering disciplines.

Appropriately, Hubertus was widely and formally recognized for his life of achievement, by leaders in education and industry, by engineering professionals, and indeed by the German government with the Federal Cross of Honor. He was a remarkable man who began his career as an educator, rose to the top as a business leader, only to return as trusted advisor in higher education.

We extend our sympathy to the Christ family, and especially to Hubertus' wife, Sigrid, who has been an enthusiastic supporter of our efforts.

Schedule of Events

Tuesday, June 21, 2016

Arrival of board members throughout day; check into Claris hotel at Pau Claris, 150 Barcelona 08009, Eixample District; Tel: +34 93 487 62 62

- 7:00 pm URI Welcome Reception at Hotel Claris – Restaurant ‘La Terraza’ (rooftop of Hotel Claris)
- 8:00 pm URI Welcome Dinner at Hotel Claris – Garden Room

Wednesday, June 22, 2016

- 7:45 am Leave hotel by bus for Hexagon
- 8:30 am Arrival – Hexagon Barcelona
- 9:00 am Welcome & Opening Remarks – Heidi Kirk Duffy, Angus Taylor & Jordi Eno
- 9:10 am Introductions – Sigrid Berka
- 9:15 am URI Update – President David Dooley
- 9:25 am College Update – Dean Winnie Brownell & Dean Ray Wright
- 9:45 am Report from IEP Directors and Q & A – Sigrid Berka, Silke Scholz, Lars Erickson, Michelangelo La Luna
- 12:00 pm Lunch
- 1:15 pm Introduction to Hexagon MI & Tour of the Facility (Angus Taylor)
- 1:45 pm Presentation at Hexagon MI Technology- Juan Mora
- 2:20 pm IEP Student Success Stories – Shane Kirkland & Jeffrey Costa
- 2:40 pm Report from IEP board committees (John Grandin, Paul Croce, Clay Pell)
- 3:40 pm Discussion, Questions & Conclusion of 2016 IEP Board Meeting

Schedule of Events

- 4:40 pm Back to hotel Claris
- 8:00 pm Dinner hosted by Hexagon at Barceloneta Restaurant

Thursday, June 23, 2016

- 8:30 am Check-out – store luggage
- 9:00 a.m. Pick-up at Hotel Claris for Gaudi Tour
- 1:00 pm Lunch in Eixample District
- 3:00 pm Back to Hotel Claris; participants go on with their travels
- 4:30 pm Train to Zaragoza: Winnie Brownell, Sigrid Berka, Silke Scholz, Clay Pell
- 8:00 pm Dinner: Meet with SIEP student Dylan Simpson and UNIZAR exchange students Antonio Martinez and Javier Sesma; Vicente Laguenz and Representatives of the Office of International Education at UNIZAR

Friday, June 24, 2016 - UNIZAR Visit - Zaragoza

- 9:00 am Pick up at hotel
- 9:30 am Meeting with Dr. José Ángel Castellanos, Dean of the School of Engineering and Architecture (EINA)
- 10:30 am Visit to the Institute of Research in Engineering of Aragón (I3A)
- 1:00 pm Meeting with Dr. Francisco Beltrán, Vice Provost of International Affairs and Cooperation for Development
- 1:30 pm Lunch at the Paraninfo Building
- 4:30 pm Visit to the Aljafería Palace in Zaragoza
- 7:00 pm Return to hotel

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Enrollment Figures 2015-16

Breakdown by Major*:	#	Percentage of Total IEP-Serviced Students:			
IEP (Declared EGR)	392	84%	Total Engineering Students	422	91%
Engineering majors wanting Japanese IEP (pending launch of JIEP)	8	2%	Serviced by IEP		
IEP (Wanting Engineering)	22	5%			
IBP (International Business Program)	28	6%	Total Non-Engineering Students	43	9%
ICSP (International Computer Science Program)	7	2%	Serviced by IEP**		
Other**	8	2%			
Graduate (URI-TUBS Dual Masters)***	1	0%	Total Grad Students Serviced	1	0%
Total Students Serviced by IEP*	466				

* Due to double majors and rounding, percentages may not equal 100.

** Other includes 8 non-engineering students who want to double major in Japanese and Business/ Computer Science pending launch of Japanese major.

*** Does not include 13 TUBS-URI Dual Master/Dual MBA students completing their degrees at URI.

IEP Undergrads (Declared Engineering)*	URI College of Engineering Undergrads*	% of COE
392	1520	26%

*IEP numbers reflect enrollment collected Fall 2015. COE numbers reflect enrollment collected in Fall 2015 as head count of majors publicly reported by the URI Office of Institutional Research. Both numbers do not include Wanting Engineering designation.

IEP/College of Engineering Demographics		IEP # (392)	% of IEP	COE # (1520)	% of COE
Gender	Female	115	29%	288	19%
	Male	277	71%	1232	81%
Ethnicity***	Represented Groups (White, Asian)	307	84%	1184	86%
	Underrepresented Groups (Black/ African American, Hispanic/ Latino, American Indian, 2+ Races)	60	16%	188	14%
Residency	In-State Rhode Islanders	225	57%	825	54%
	Out of State	131	33%	519	34%
	Regional	28	7%	133	9%
	Out of Country	8	2%	43	3%
Scholarship Recipients	Centennial or University Scholarships	245	63%	Data unavailable	
Talent Development		9	2%	Data unavailable	

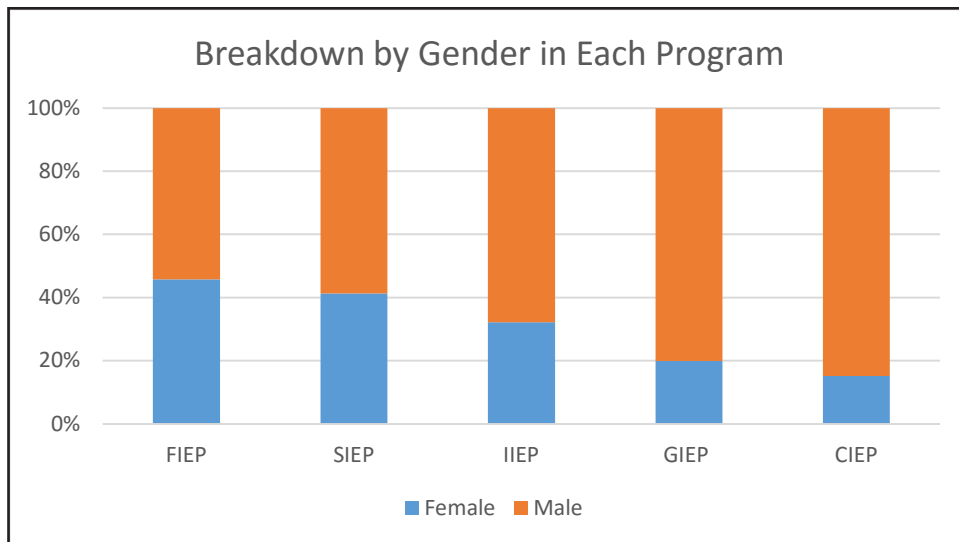
* IEP numbers reflect enrollment collected Fall 2015.

***IEP numbers and percentages based on **367** who self-reported ethnicity. COE numbers and percentages based on **1372** who self-reported, not including Non-Resident Alien designation.

2015-16 Enrollment Figures

By Engineering Discipline	IEP #	% of IEP
• Biomedical	48	12%
• Chemical	50	13%
• Civil	42	11%
• Computer	23	6%
• Electrical	26	7%
• Industrial & Systems	15	4%
• Mechanical	135	34%
• Ocean	41	10%
• Undeclared B.S. in Engineering	12	3%

COE Total # of Majors	% of COE
205	13%
167	11%
214	14%
126	8%
122	8%
67	4%
431	28%
138	9%
50	3%



Enrollment Figures By Language Track

	German IEP		Spanish IEP	
Total # of Students Serviced by IEP	196		107	
• IEP Undergrads in COE (Declared EGR)	*181	92%	92	86%
• IEP Undergrads Wanting Engineering	4	2%	8	7%
• IBP (International Business Program)	8	4%	5	5%
• ICSP (International Computer Science)	2	1%	2	2%
• Graduate (Dual Degree Masters)	1	0%	--	--

*Includes one GIEP/CIEP dual major

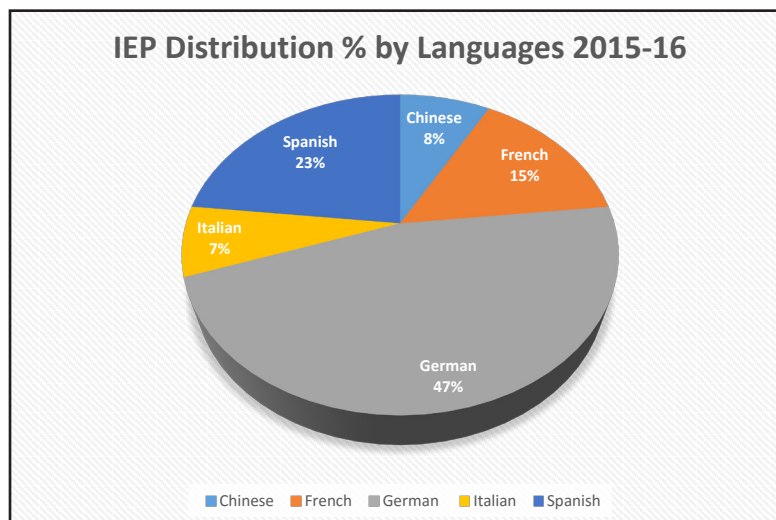
IEP Undergrads in COE (Declared EGR)	IEP #	% of IEP	IEP #	% of IEP
• Female	36	20%	38	41%
• Male	145	80%	54	59%
• Rhode Islanders	103	57%	52	57%
• Out of State	66	36%	24	26%
• Out of Country	5	3%	2	2%
• Regional	7	4%	14	15%
By Engineering Discipline*	IEP #	% of IEP	IEP #	% of IEP
• Biomedical	17	9%	14	15%
• Chemical	22	12%	9	10%
• Civil	16	9%	15	16%
• Computer	8	4%	4	4%
• Electrical	13	7%	3	3%
• Industrial & Systems	7	4%	4	4%
• Mechanical	86	48%	19	21%
• Ocean	8	4%	19	21%
• Undeclared B.S. in Engineering	4	2%	5	5%

Enrollment Figures By Language Track

	French IEP		Chinese IEP	
Total # of Students Serviced by IEP	67		47	
• IEP Undergrads in COE (Declared EGR)	59	88%	*33	70%
• IEP Undergrads Wanting Engineering	3	4%	2	4%
• IBP (International Business Program)	3	4%	11	23%
• ICSP (International Computer Science)	2	3%	1	2%

*Includes one CIEP/GIEP dual major

IEP Undergrads in COE (Declared EGR)	IEP #	% of IEP	IEP #	% of IEP
• Female	27	46%	5	15%
• Male	32	54%	28	85%
• Rhode Islanders	32	54%	26	79%
• Out of State	21	36%	6	18%
• Out of Country	1	2%	--	--
• Regional	5	8%	1	3%
By Engineering Discipline	IEP #	% of IEP	IEP #	% of IEP
• Biomedical	9	15%	7	21%
• Chemical	15	25%	3	9%
• Civil	3	5%	4	12%
• Computer	6	10%	5	15%
• Electrical	5	8%	6	18%
• Industrial & Systems	--	--	--	--
• Mechanical	10	17%	6	18%
• Ocean	9	15%	2	6%
• Undeclared B.S. in Engineering	2	3%	--	--

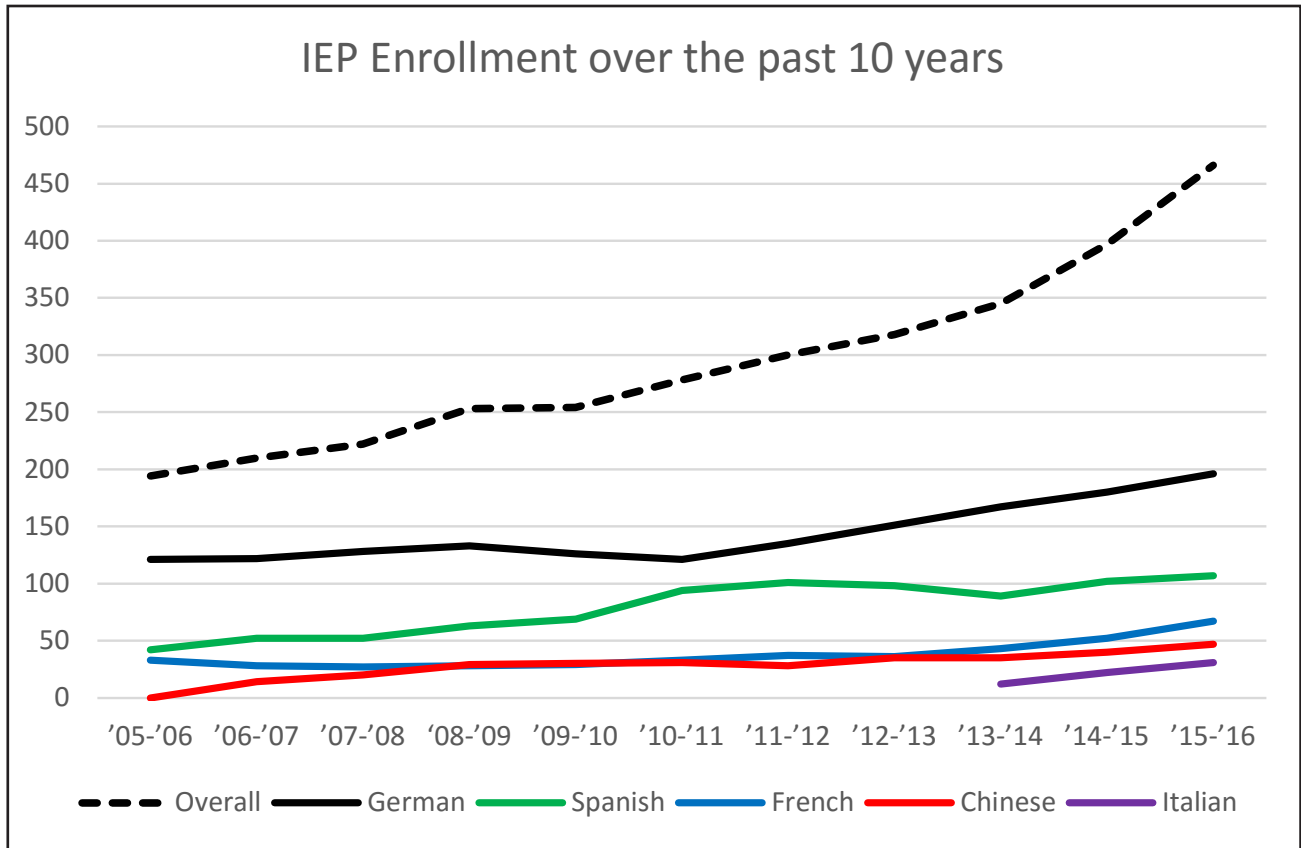


Enrollment Figures By Language Track

	Italian IEP	
Total # of Students Serviced by IEP	31	
• IEP Undergrads in COE (Declared EGR)	28	90%
• IEP Undergrads Wanting Engineering	2	6%
• IBP (International Business Program)	1	3%
• ICSP (International Computer Science)	--	--

IEP Undergrads in COE (Declared EGR)		
• Female	9	32%
• Male	19	68%
• Rhode Islanders	13	46%
• Out of State	14	50%
• Out of Country	--	--
• Regional	1	4%
By Engineering Discipline	IEP #	% of IEP
• Biomedical	1	4%
• Chemical	1	4%
• Civil	4	14%
• Computer	--	--
• Electrical	--	--
• Industrial & Systems	4	14%
• Mechanical	14	50%
• Ocean	3	11%
• Undeclared B.S. in Engineering	1	4%

Enrollment Figures A Closer Look



	'05-'06	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16
Overall	194	210	222	253	254	278	300	318	345	397	466
German	121	122	128	133	126	121	135	151	167	180	196
Spanish	42	52	52	63	69	94	101	98	89	102	107
French	33	28	27	28	29	33	37	36	43	52	67
Chinese	0	14	20	29	30	31	28	35	35	40	47
Italian									12	22	31

2016 Internship Placements

IEP directors made 46 international internship placements for the 2016 calendar year:

France

- | | | |
|---------------------|------------------------------------|----------|
| 1. Kelsey Matthews | Institut Polytechnique de Grenoble | Grenoble |
| 2. Angela Reisch | Schneider Electric | Mâcon |
| 3. Brendan Smerbeck | Enercap | Lyon |

Germany

- | | | |
|------------------------|--|-----------------|
| 1. Emiton Alves | CONTI | Hannover |
| 2. Rachel Andronowitz | Beinbauer Automotive | Büchlberg |
| 3. Christopher Blewett | IAV | Gifhorn |
| 4. James Brooks | Inomed | Emmendingen |
| 5. Jared Defanti | VW | Wolfsburg |
| 6. Daniel Devine | BP Mineralöl | Gelsenkirchen |
| 7. Mark Farat | ZF | Kressbronn |
| 8. Brandon Frei | Bosch | Stuttgart |
| 9. Joseph Graziano | IAV | Gifhorn |
| 10. Caleb Gross | IAV | Gifhorn |
| 11. Samuel Hawkins | Deutsche Bahn Engineering & Consulting | Hannover |
| 12. Claudia Krah* | DB Cargo | Mainz |
| 13. Evan Lachance | ZF | Friedrichshafen |
| 14. Nick Laraway | IAV | Gifhorn |
| 15. Rory Makuch | Siemens CT | Erlangen |
| 16. Joseph Milette* | VW | Wolfsburg |
| 17. Christopher Morino | Siemens CT | München |
| 18. Thomas Nagy | ZF | Friedrichshafen |
| 19. John Neilsen | Siemens CT | München |
| 20. John Paquet | Siemens HealthCare | Erlangen |
| 21. Jose Perez | MTU | München |
| 22. Sarah Rheault | Mahr | Göttingen |
| 23. Jeric Rodriguez | OsramOptoSemiconductors | Regensburg |
| 24. Andrew Rosenberg | Siemens HealthCare | Erlangen |
| 25. Daniel Shaw | CONTI | Hannover |
| 26. Justin Sundaram | Skylotec | Neuwied |
| 27. Alex Tsoukalas | Deutsche Bahn Engineering & Consulting | Hannover |
| 28. Samuel Valentine | Beinbauer Automotive | Büchlberg |

Italy

- | | | |
|------------------|----------------|----------|
| 1. Samuel Karnes | Lamabio/Unical | Calabria |
|------------------|----------------|----------|

Japan

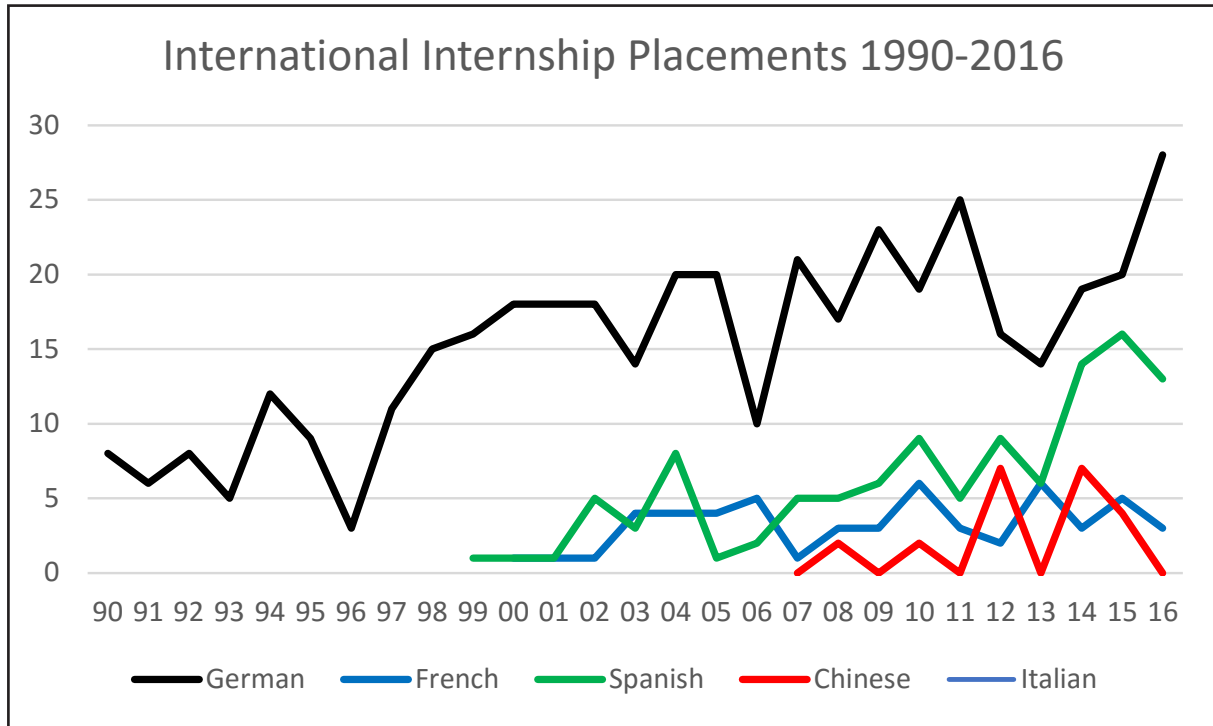
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|------------------|----------|-------|
| 1. Ethan McClure | Shimadzu | Kyoto |
|------------------|----------|-------|

Spain & Chile

- | | | |
|-------------------------|---------------------|------------------------|
| 1. Jacob Bear | Puerto Santander | Santandar, Spain |
| 2. Jeffrey Costa | Hexagon MI | Vitoria-Gasteiz, Spain |
| 3. Gabriella Devine | Vademecum | Madrid, Spain |
| 4. Jacob Gelinaz | Codelco | Santiago, Chile |
| 5. Robert Hamiton | Alakaluf | Punta Arenas, Chile |
| 6. Sarah Hernandez | Geotecnia Ambiental | Valparaiso, Chile |
| 7. Sarah Keshishian | NBC | Curauma, Chile |
| 8. Shane Kirkland | Hexagon MI | Barecelona, Spain |
| 9. Alexander Mendoza | Codelco | Santiago, Chile |
| 10. Lars Murphy | Subseamechatronics | Gran Canaria, Spain |
| 11. Christopher Salazar | Codelco | Santiago, Chile |
| 12. Dylan Simpson | CIRCE | Zaragoza, Spain |
| 13. Michael White | ECOS Canarias | Gran Canaria, Spain |

* International Business student placed by IEP director

Internship Figures



	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11
German	8	6	8	5	12	9	3	11	15	16	18	18	18	14	20	20	10	21	17	23	19	25
French											1	1	1	4	4	4	5	1	3	3	6	3
Spanish										1	1	1	5	3	8	1	2	5	5	6	9	5
Chinese																		0	2	0	2	0
Yr Total			8	5	12	9	3	11	15	17	20	20	24	21	32	25	17	27	27	32	36	33
Cum	8	14	22	27	39	48	51	62	77	94	114	134	158	179	211	236	253	280	307	339	375	408

	'12	'13	'14	'15	'16																	
German	16	14	19	20	28																	
French	2	6	3	5	3																	
Spanish	9	6	14	16	13																	
Chinese	7	0	7	4	0																	
Italian					1																	
Japanese					1																	
Yr Total	34	26	43	45	46																	
Cum	442	468	511	556	602																	

Internship Partners 1990-2016

International and Domestic

3P Biopharmaceuticals (Noáin)
 Abengoa (Sevilla)
 Aerodata (Braunschweig)
 Agfa (Leverkusen, Gera)
 Air Liquide (Jouy-en Josas-Cedex)
 Air Nostrum (Valencia)
Alakaluf (Punta Arenas)
 Apia XXI (Santander)
 Applied Materials (Alzenau)
 Arup (Madrid)
 Astilleros de Santander A.S (Astander)
 AUDI (Ingolstadt)
 Aviso (Gera)
 Axiva (Frankfurt)
 BASF (Ludwigshafen, Chile)
 Bayer (Leverkusen)
 Bayer Technology Services (Shanghai)
 Beinbauer Automotive (Büchlberg)
 Beiersdorf AG (Hamburg)
 Benteler (Paderborn)
 Blaupunkt GmbH (Hildesheim, Germany)
 BMW (Munich, New Jersey, South Carolina)
 Böhringer Ingelheim Microparts (Dortmund)
 Bouygues Construction (Marseille)
 BP Mineralöl (Gelsenkirchen)
 Bruker Biospin (Wiessemembourg)
 B&J Adaptaciones (Barcelona)
 CEIT (San Sebastián)
 CEREMA (Compiègne)
 CGG (Paris)
CIRCE (Zaragoza)
Codelco (Santiago)
 Communication Technologies Research Group (Zaragoza)
 Continental (Hannover, Regensburg)
 CREG Catalysis, Molecular Separations & Reactor Engineering Group (Zaragoza)
 Daimler (Stuttgart, NJ, MI)
DB Cargo (Mainz)
 DB Netz (Frankfurt)
 DB Schenker (Mainz)
 Deutsche Bahn (Munich, Berlin, Minden, Kassel)
Deutsche Bahn Engineering & Consulting (Hannover)

DB Systel (Frankfurt)
 Draeger Medical (Lübeck)
 École des Hautes Études en Santé Publique (Rennes)
ECOS Canarias (Las Palmas/Gran Canaria)
 Emitec (Lohmar)
 ENERCAP (Lyon, France)
 Ennera (Ibarra)
 Ewag GmbH (Solothurn)
 Experimentierstation Obstbau (Schlachters)
 Fashion Power (Hangzhou)
 Fatronik (San Sebastián)
 Gamesa S.A (Bilbao)
 General Motors (Zaragoza)
 Geocéan (Marseille)
 Geotechnia Ambiental (Valparaiso)
 GKN Driveline (Zumaia)
 Grupo de Ingeniería Oceanográfica y de Costas
 Universidad de Cantabria (Santander)
 GTM (Batiment)
 Hasbro (Hong Kong & Shenzhen)
 Hexagon (**Barcelona**, Qingdao, **Vitoria-Gasteiz**, Wetzlar)
 Hilti (Germany, Liechtenstein, Spain)
 Hochtief (Essen, Hamburg)
 Hope Global (León)
 Hutchinson (Auxy)
 IAV (Gifhorn)
 IAVF Antriebstechnik AG (Karlsruhe)
 Ibaia Energía (Beasain, Ibarra)
 IDOM (Bilbao, Zaragoza)
 Indaber Ibiza (Ibiza)
 Infineon AG (Munich)
 Infremer (LaRochelle)
Inomed, Emmendingen
 Insigma HengTian (Hangzhou)
Institut Polytechnique de Grenoble (Grenoble)
 Instituto de Hidráulica Ambiental (Cantabria)
 Johnson & Johnson (NJ, São Paulo)
 King Marine (Valencia)
 KOB (Kaiserslautern)
 Kolbenschmidt Pierburg (Neckarsulm, Abadiano)
 Kraft Foods (Munich)

Note: Companies marked in bold are new this year.

Internship Partners 1990-2016

International and Domestic

KS Fototechnik (Wuppertal)
Leica Camera (Solms)
Lemförder AG (Spain, Germany, South Carolina)
LMU ArchãoBioCenter (München)
Lufthansa Technik AG (Hamburg)
Lur Geroa (Irurtzun)
LMS Imagine (a Siemens business) (Lyon)
Mahr (Göttingen)
Maurer Söhne (München)
Medincell (Jacou)
Meyer Werft (Papenburg)
MTU (Hanover, Munich)
NBC (Curauma)
Novacare (Concepción)
Oakwood Asia (Hangzhou)
Offshore Pipelines and Risers (Hangzhou)
Osram Opto Semiconductors (Regensburg)
Pedelta (Barcelona)
Pentair Electronic Packaging (Qingdao)
PolyIC (Fürth)
Praxair (Spain)
Preusse Baubetriebe GmbH (Hamburg)
Price Waterhouse (Frankfurt)
Puerto Santander (Santander)
Puerto Ventanas (Quintero)
Renault (Guyancourt)
Rhodia (Clamecy, Lyon)
Robert Bosch GmbH (Stuttgart)
Robotiker (Zamudio)
Rhodia (Paris)
Saint-Gobain (Cavaillon, Avignon, Germany, MA.)
Salzgitter (Salzgitter)
SAMTACK (Barcelona)
SAP (Karlsruhe, Montreal)
Schneider Electric (Montpellier, France)
Schroff GmbH (Straubenhardt)
SEAT (Barcelona)
Sensata Technologies (Aguascalientes, Changzhou)
Sentinel Tech (Tianjin)
Shimadzu (Kyoto, Japan)
Siemens (Munich, Erlangen, Madrid)
Siemens HealthCare (Erlangen)
Skylotec (Neuwied)
Sky Deutschland (Unterföhring)
State Key Laboratory for Chemical Engineering (Hangzhou)
Subseamechatronics (Las Palmas Gran Canaria)
Supfina (Rhode Island, Schapbach)
STMicroelectronics (Grenoble)
Tecnalia (Derio, San Sebastian)
Tennet Offshore (Lehrte)
Texas Instruments (Aguascalientes)
Tianjin Normal Univ., Materials Science Lab (Tianjin)
Thermochemical Processes Research Group (Zaragoza)
Toray Plastics (Lyon)
Total (Paris, Pau)
TRW (Alfdorf)
ULPGC (Las Palmas de Gran Canaria)
UniCredit (Hypovereinsbank) (München)
VAM/Becker Bau (Kiel)
Vademecum (Madrid)
VDO Automotive AG (Villingen)
Volkswagen (Wolfsburg)
Vorwerk & Co. (Wuppertal)
ZF (Germany, Spain, France, USA, Mexico, China)
Züblin AG (Stuttgart)

Exchanges German IEP

Technische Universität Braunschweig

	URI to TU-BS	TU-BS to URI
AY 1995-96	5	5
AY 1996-97	9	9
AY 1997-98	13	12
AY 1998-99	14	12
AY 1999-00	15	16
AY 2000-01	13	13
AY 2001-02	20	25
AY 2002-03	15	15
AY 2003-04	21	16
AY 2004-05	21	16
AY 2005-06	12	14
AY 2006-07	24	14
AY 2007-08	22	13
AY 2008-09	24	22
AY 2009-10	25	14
AY 2010-11	28*	16
AY 2011-12	14	10
AY 2012-13	15*	12
AY 2013-14	20*	15
AY 2014-15	22*	17
AY 2015-16	30	16
Total	382	302

Total # of Students Exchanged = 684

* Includes dual-degree masters students
(Does not include short-term visitors.)

Exchanges French IEP

Université de Technologie de Compiègne - UTC

	URI to UTC	UTC to URI
AY 05-06	2	3
AY 06-07	2	3
AY 07-08	3	3
AY 08-09	4*	4
AY 09-10	6	3
AY 10-11	3*	6
AY 11-12	6*	3
AY 12-13	7*	3
AY 13-14	3	7
AY 14-15	5	4
AY 15-16	3	5
TOTAL # of Students Exchanged	44	44

* Includes other majors



Exchanges Spanish IEP

Universidad de Cantabria - UNICAN (Spain)

	URI to UC	UC to URI
AY 04-05	1	-
AY 05-06	-	-
AY 06-07	1	-
AY 07-08	2	-
AY 08-09	3	-
AY 09-10	2	1
AY 10-11	-	2
AY 11-12	3	2
AY 12-13	3	7
AY 13-14	3	2
AY 14-15	3	2
AY 15-16	5	2
TOTAL # of Students Exchanged	26	18

Universidad de Navarra - TECNUN (Spain)

	URI to TECNUN	TECNUN to URI
AY 02-03	1	-
AY 03-04	-	2
AY 04-05	-	2
AY 05-06	3	-
AY 06-07	-	1
AY 07-08	-	1
AY 08-09	-	1
AY 09-10	2	2
AY 10-11	3	-
AY 11-12	2	2
AY 12-13	-	1
AY 13-14	8	2
AY 14-15	2	4
AY 15-16	3	3
TOTAL # of Students Exchanged	24	21

Universidad de Zaragoza - UNIZAR (Spain)

	URI to UZ	UZ to URI
AY 00-01	-	2
AY 01-02	2	2
AY 02-03	4	2
AY 03-04	-	3
AY 04-05	-	3
AY 05-06	-	-
AY 06-07	-	-
AY 07-08	-	-
AY 08-09	2	1
AY 09-10	5	2
AY 10-11	3	2
AY 11-12	4	4
AY 12-13	3	2
AY 13-14	2	3
AY 14-15	6	-
AY 15-16	3	7
TOTAL # of Students Exchanged	34	33

Pontificia Universidad Cathólica de Vaparaíso - PUCV (Chile)

	URI to PUCV	PUCV to URI
AY 14-15	5	2
AY 15-16	2	2
TOTAL # of Students Exchanged	7	4

Exchanges Chinese IEP

Zhejiang University (Hangzhou, China)

	URI to ZU	ZU to URI
AY 06-07	-	-
AY 07-08	2	1
AY 08-09	-	-
AY 09-10	7*	8
AY 10-11	-	2
AY 11-12	8*	8
AY 12-13	1	-
AY 13-14	5	6
AY 14-15	4	2
AY 15-16	-	4
TOTAL # of Students Exchanged	27	31

*Includes other majors



National 15th Chinese Bridge Proficiency Competition for college students held on April 8, 2016 at the Chinese Consulate in NYC.

Chinese Language Flagship Partner Program Highlights

The first IEP Chinese Flagship Scholar Alyssa Zisk is now pursuing her Ph.D. in Neuroscience at URI, after having completed her M.S. in Mathematics in May 2016. The second IEP Chinese Flagship Scholar, Samuel LeBlanc, has graduated in May 2016 with a B.S. in Electrical Engineering and a B.A. in Chinese.

IEP Chinese Flagship Scholars by Cohort (Year Entered)	Total
2009 Cohort: ELE	1
2010 Cohort: MCE	1
2011 Cohort: N/A	0
2012 Cohort: BME, MCE	2
2013 Cohort: CHE (2), CMP (3), CVE	5
2014 Cohort: BME, CMP, ELE, OCE, UND (2)	6
2015 Cohort: BME (2), ELE(2), UND (1)	5

Awards

Six IEP Chinese Flagship Scholars were awarded **Hasbro Scholarships** for their studies at Zhejiang University during Winter 2016 and/or in Flagship-approved summer programs in China during Summer 2016.

- Jesse Zhan, Biomedical Engineering & Chinese, '18
- Victoria Eno, Electrical Engineering & Chinese, '18
- Jesse Caron, Wanting Engineering & Chinese, '19
- Zachary Smith, Electrical Engineering & Chinese, '19
- Riley Temple, Computer Engineering & Chinese, '19
- Keara Cole, Electrical Engineering & Chinese, '19

Four IEP Chinese Flagship Scholars were selected to complete the Flagship Capstone Year in China in 2016-17. They will spend a semester of direct-enrollment at Nanjing University or at our new site, Beijing Union University and a professional internship in China. All four received the **Flagship Capstone Year Scholarship**; Alex Jenkins received an additional **scholarship from Beijing Union University**.

Chinese Language Flagship Partner Program Highlights

- Quang Le, Computer Engineering & Chinese, '17 (Nanjing University)
- Alex Jenkins, Chemical Engineering & Chinese, '17 (Beijing Union University)
- David Ma, Computer Engineering & Chinese, '18 (Nanjing University)
- Kevin Ma, Computer Engineering & Chinese, '18 (Nanjing University)

Five IEP Chinese Flagship Scholars were awarded the **Flagship Domestic Immersion Study Program Scholarship** at URI in Summer 2016.

- Jesse Caron, Wanting Engineering & Chinese, '19
- Zachary Smith, Electrical Engineering & Chinese, '19
- Riley Temple, Computer Engineering & Chinese, '19
- Keara Cole, Electrical Engineering & Chinese, '19
- Alex Cerullo, Biomedical Engineering & Chinese, '19

Two IEP Chinese Flagship Scholars were awarded the **Flagship Study Abroad Immersion Program Scholarship** in China in Summer 2016.

- Jesse Zhan, Biomedical Engineering & Chinese, '18 (Princeton in Beijing Program)
- Bobby Backofen, Mechanical Engineering & Chinese, '18 (CET Beijing Program)

One IEP Chinese Flagship Scholar was awarded the **Huayu Enrichment Scholarship** in Taiwan for summer 2016 study.

- Victoria Eno, Electrical Engineering & Chinese, '18 (Taipei University)

In total, the scholarship amount for Chinese Flagship students has surpassed \$100,000 between winter 2016 and the capstone year in China 2016-17.

Samuel Browne, Chemical Engineering & Chinese junior, has received the **Victor Baxt Scholarship** from TeknorApex. In addition to the scholarship over two years, Teknor Apex offers the winner an internship at the company headquarters in Pawtucket. Samuel will intern at TeknorApex for two summers before going into his Capstone Fall at Nanjing University and continuing his internship at TeknorApex in Suzhou, China.

Samuel Browne also garnered an excellence award at the national **15th Chinese Bridge Proficiency Competition** for College Students, held on April 8, 2016 at the Chinese Consulate in NYC. A group of CIEP students also excelled at the state-wide **Chinese Speech Competition** in fall 2015, and **Chinese Character Recognition Competition** in spring 2016, held at URI: Alex Jenkins and Bobby Backofen received 2nd, and Samuel Browne 3rd prize.

Xiaoyan Hu, a graduate from Zhejiang University, who has been teaching in the Chinese Flagship and the regular Chinese program for five years, has come on board as **Assistant Director of the Chinese IEP**; the Chinese section also hired **Yu Wu** as **Assistant Professor of Chinese**. Yu is joining us after many years of experience teaching Chinese at UMass Boston.

Graduates

December 2015 - August 2016

German (21)

Emiton Alves
Rachel Andronowitz
James Brooks
Ian Calise
Joseph Furdon
Max Gutierrez
Lucas Hanson
Lucas Hohl-Marchetta
Bryce Holden
Paul Kintz
Ian Mace
Patrick McNamara
Jacob Ohrnberger
Conor O'Neil
Matthew Polak
Nastasja Rittling
Joseph Roccio
Sarah Steinchen
Joseph Sullivan
Riley Tuttle
Elizabeth Wynn

French (5)

Kelsey Conahan
Arielle De Souza
Amanda Junkins
Patrick Moran
Katherine Noonan

Spanish (17)

Norman Blanchard
Katie Brown
Raul Chacon
Jack Clark
Julian Colonia
Jason Dides
Max Grabinski
Jessica Havas
Patricia Hogan
Sarah Keshishian
Bradley Leusner
Sean Marran
Jennifer Mcgunigal
Cara Nunez
Nicole Nunez
Nelson Shepard
Tracy Waweru

Chinese (3)

Alex Lam
Samuel LeBlanc
Jimmy Li

IEP Graduates through 2016: 503

German: 351

French: 49

Spanish: 89

Chinese: 13

**Other graduates serviced by the
IEP in 2015-2016**

Chinese (2)

Chris Kardaras (Chinese/Pol. Science)
Kaitlynn von Dettum (Chinese/IBP)



Heidi Kirk Duffy Center Updates IEP and TI Houses

Renovations & Upgrades

This has been an exciting year for the IEP LLC. We were able to accomplish some major repairs to the IEP house:

The University was gracious enough to provide us with a new, upgraded boiler system and hot water tanks. This was a major undertaking since before installing the new system, we had to get several items up to code. The project took about four weeks. For some of that time, the residents were without heat and hot water. We are happy to report they were very understanding and we only received minimal complaints.

At the end of the spring semester, we discovered that the air conditioning compressors were no longer functioning at the IEP house. They were installed when the IEP took over the house in 1999, so it was time for new units.

The IEP basement was also in need of some upgrades. The basement is used as a community space for residents and also for enrichment programs like language conversation hours.

Finally, we completely renovated the space that used to be the kitchen when there was only the IEP House. It was dingy and full of unused equipment; an impractical space. We have transformed

Before



After



Above: Before and after photos of the old IEP House kitchen, which will become our new student library in the Fall.

Right: The updated IEP House basement, which now offers a bright, comfortable space for IEP LLC residents and the IEP community.



Cumulative Honor Roll

(as of May 1, 2015)

Over \$500,000

Heidi Kirk Duffy
ZF Friedrichshafen AG
Max Kade Foundation

\$150,000 - \$500,000

Annette Kade Foundation
Van Meeteren Foundation
Texas Instruments
Hasbro, Inc.
Sensata Technologies

\$75,000 - \$150,000

TRW Corporation
Praxair, Inc.
Thomas Wroe, Jr.

\$25,000 - \$75,000

Schroff, Inc./ Udo Schroff
Brown & Sharpe Manufacturing Co.
Bacou USA
John and Carol Grandin
Hilti AG
Siemens Corporation
William and Pauline Silvia
Tonya McBride
Robert C. and Judith A. Ayotte
Boxer Family
Deutsche Bahn
Hexagon Metrology Inc./Hexagon Manufacturing Intelligence

\$2,000 - \$25,000

W&H Corporation
BMW Manufacturing Corp.
Supfina Machine Co. Inc.
Lufthansa German Airlines
Frank and Lynn Curtin
Ewag Corporation
Draexlmaier Automotive of America
Joseph O'Hearn and Barbara Brusini
Pentair, Inc.
James Hopkins
Gabriel Lengyel
Richard Vandeputte
Rick D'Ambrosca
Vincent DiPippo
Patrick Tunney
Sigrid Berka/Thomas Kniesche
Walter Giraitis
Michael Byrnes
Laurie Burger
Hubertus Christ

Dissemination

Publications:

Berka, S., Graney, A., “Building Community through Dual Degree Language Housing.” Invited paper for a volume on Enhancing Global Competence through Foreign Language Residential Communities, edited by Jennifer Bown, Brigham Young University et al., Georgetown University Press, forthcoming in 2016.

Papa, E., Berka S., “The Roadmap to Mainstreaming Dual Language Immersion in Rhode Island.” Invited peer-reviewed manuscript for the AACU volume 2016, edited by Johanna Watzinger-Tharp, University of Utah, forthcoming.

Erickson, L., “French for Engineering” textbook manuscript in progress.

Erickson, L., “Speaking like it Matters: Case Studies of Students French Use in Study and Internship Abroad” Online Journal for Global Engineering Education, publication pending upon revision.

Presentations:

Berka, S. was invited to participate in the administrator round table on “Friends Not Foes: Partnering with STEM to Grow the Humanities,” Modern Language Association (MLA), January 5-7, 2017, Philadelphia, PA.

Berka, S., chair of session and presenter with **Armstrong, M., Julich, A., Noffsinger, A.**, “Internships Abroad – Best Practices,” *Global Internship Conference*, Boston, MA, June 15-17, 2016.

Berka, S., Calise, I., La Luna, M., Marran, S., Scholz, S., Wojciechowski, S., organizers/presenters of a workshop on International Engineering Education at the ASEE North East conference, Kingston, R.I., April 29, 2016.

Berka, S., Hoye, M. presented the Japanese IEP to representatives from Tokyo Institute of Technology, Waseda University, to the Toray company in Tokyo; to Toray Mishima and to the Shimadzu company in Kyoto during the Japan development trip December 10-18, 2015.

Berka, S., as invited guest to the Transatlantic Partnership Tour to Germany, presented the IEP to the Minister of Innovation, Science & Research of the State of North-Rhine Westphalia, Svenja Schulze; to the President of TU Dortmund, the University of Duisburg-Essen, to representatives of Bochum University, and to several start-ups out of these universities, December 6-11, 2016.

Berka, S., Scholz, S., “Adding Value through Transformative Initiatives with the International Engineering Program’s Academic Partnerships,” 18th Annual Colloquium on International Engineering Education, New York, NY November 5-6, 2016.

Dissemination

Brownell, W. presented the IEP at the Chinese Language Flagship conference at the Monona Terrance Community and Convention Center in Madison, WI, May 22-24th, 2016.

Erickson, L., “Franco-American Cross-Cultural Business Communication,” Guest Lecture; L’Institut de l’Administration des Entreprises Pau-Bayonne; Bayonne, France; October 15, 2015.

Geithner, A. led a professional development workshop for German teachers at the Goethe Institute Boston on November 7, 2015.

Grandin, J. was invited as an outside evaluator of renewal proposals to the Language Flagship Program of the Dept. of Defense’s National Security Education Program. The meeting took place at the offices of the Institute for International Education in Washington D.C. on February 23, 2016.

Hu, X. participated in a two-week Flagship Training Workshop on Innovative Technologies for Advanced Language and Cultural Learning: A Workshop for Language Teachers, May 26 - June 5, 2015, Tucson, AZ.

Hu, X., “I Help, Therefore, I Learn: Service-Learning as A Valuable Component of Chinese Language Learning,” paper accepted for presentation at 2016 Chinese Language Teachers Association of Greater New York conference, May 7, 2016, New York, NY.

Hu, X., “Innovative Technologies to Develop Oral Language Proficiency and Intercultural Competence,” 2015 Annual Conference of New England Chinese Language Teachers Association, Oct. 3, 2015, Providence, RI.

He, W, Hu, X., “Advanced Level Pedagogy and Curriculum at URI”, The Language Flagship Annual Meeting, May 16-19, 2015, Norman, OK.

Wright, R. presented the IEP at the College of Engineering Advisory Council Meeting at URI, October 24, 2015; at Electric Boat, Groton Ct, Alumni Day, March 6, 2016; during the international trip to Indonesia with President Dooley and Dean John Kirby March 15-22, 2016 at the Institut Teknologi Bandung, Bandung; the University of Indonesia, Jakarta; the Universitas Mataram, Lombok, West Nusa Tenggara; and during the visit of VP Tushar Misra of the Takeda company at URI on May 4, 2016.

Student Awards

DAAD Undergraduate Scholarship

Conner Briden (GIEP)
Grace Sanita (GIEP)

DAAD UAS7 SIP Scholarship

Kayla Lombardi (GIBP)

DAAD Ambassador Scholarship

Claudia Krah (GIBP)

University Excellence Award in Engineering

Biomedical Engineering: Katie Brown (SIEP)
Electrical Engineering: Ian Mace (GIEP)
Ocean Engineering: Jack Clark (SIEP)

Nelson C. White Award (COE)

Biomedical Engineering: Cara Nunez (SIEP)
Chemical Engineering: Ian Calise (GIEP)
Civil Engineering: Max Grabinski (SIEP)
Computer Engineering: Paul Kintz (GIEP)
Industrial & Systems Engineering: Rachel An-
dronowitz (GIEP)
Ocean Engineering: Conor O'Neil (GIEP)

Beatrice S. Demers Foreign Language Fellowship

Jean-Francois Brehany (GIEP)
Andrew Brown (GIEP)
Ibrahim Brown (GIEP)
Michaela Connell (FIEP)
Jose DaSilva (SIEP)
Christopher Fraraccio (GIEP)
Matthew Freeman (CIEP)
John Kars (FIEP)
Ian Kanterman (FIEP)
Micah Kittel (SIEP)
Kayla Lombardi (GIBP)
Ethan McClure (Japanese)
Mackenzie Mitchell (GIEP)
Michael Palmer (GIEP)
Thomas Schubert (GIEP)

FISITA Bursary Scholarship

Jared De Fanti (GIEP) Sarah Rheault (GIEP)
Caleb Gross (GIEP) Samuel Valentine (GIEP)
Nicholas Laraway (GIEP)

French Consulate in Boston Excellence Award

Arielle De Souza (FIEP)

University Academic Excellence in German

Jacob Ohrnberger (GIEP)

French Excellence Award

Amanda Junkins (FIEP)

Jeune Espoir Award

Chelsea Fox (FIEP)

John Grandin Scholarship Award

Justin Sundaram (GIEP)
Dominique Engome Tchupo (SIEP)

Ayotte Family French IEP Award

Michele Colangelo (FIEP)
Ian Kanterman (FIEP)
Kelsey Matthews (FIEP)

Sharon Wallace Scholarship Award

Julie Cuddigan (GIEP)

Barbara Woods Memorial German Studies Award

Emma Abdalla (GIEP) Nicholas DeLuca (GIEP)
Katie Bryan (GIEP) Elizabeth Stevens (GIEP)

Frank L. Woods Memorial Scholarship

Joshua Harper (GIEP) Cherish Prickett (GIEP)
Adeline Lamothe (GIEP)

Mexican Consulate Book Award

Norman Blanchard (SIEP)

Otto Dornberg Award

Kayla Lombardi (GIBP) James Luther (GIEP)

Hasbro Chinese IEP Scholarship

Mingxing Fei (CIEP) Zachary Tiang (CIEP)
Minh Pham (CIEP)

Chinese Excellence Award

Andy Jiang (CIEP) Rachel McAteer (CIEP)
Victoria Eno (CIEP)

Flagship Excellence Award

Samuel Browne (CIEP)

IEP Awards and Recognition

All of us are proud of **Angela Graney** who received the Staff Excellence Award from the College of Engineering in recognition for her outstanding services to the College in December 2015.

Congratulations to our IEP Coordinator **Heather Price**. Heather has done exemplary work for the IEP and due to her expertise and background in writing, has just been offered a position as Director of the URI Writing Center! We will miss Heather and wish her the best of luck with this new challenge. We will send many IEP students her way...

Dr. Michelangelo La Luna, Director of the Italian IEP, received a well-deserved one-year sabbatical leave to work on “Growing the Italian International Engineering Program (IEP) and the Italian International Business Program (IBP) at URI.” Michelangelo plans to write a book entitled, *Italiano tecnico e commerciale (Technical and Business Italian)*.

We are very happy to have **Xiaoyan Hu** on board as Assistant Director of the Chinese IEP. Xiaoyan has been teaching in the Chinese Flagship program for six years and is a graduate of Zhejiang University in Hangzhou, our Chinese IEP academic partner. Welcome Xiaoyan!

We are also honored to have **Dr. Manabu Takasawa**, Professor of Music and a distinguished concert pianist, on board of the IEP. Manabu has agreed to serve as co-director of the Japanese IEP starting this Fall. He will be in charge of internship placements. Welcome, Manabu! We are equally delighted that **Dr. Masako Hoye**, our outstanding Lecturer in Japanese, has agreed to serve as co-director of JIEP in charge of student advising and university relations.

Anett Geithner, our DAAD Lecturer in German, was selected to participate in a professional development seminar on STEM content in the German classroom, sponsored by interDAF at the Herder Institute at Leipzig University, June 13-July 4, 2015. Anett subsequently developed the German 215 course, German for Engineers, which was the core of this year’s German summer school.

Shawna Rambur, Lecturer in German, was accepted for a professional development immersion course through the Goethe Institute summer school at the University of Mary Washington, Fredericksburg, VA, from July 10-17, 2016.

Dr. Angus C.F. Taylor, President and CEO of Hexagon Manufacturing Intelligence, established the Hexagon SIEP Scholarship Fund with an initial donation of \$10,000 on March 4, 2016. To complete a \$25,000 gift commitment within five years, the remaining balance will include additional \$5,000 installments in March 2017, March 2018, and March 2019. Once the required minimum is attained, the Fund shall be used annually to provide assistance to qualified Spanish IEP students during their 6-month study abroad at a partner university and/or their 6-month internship abroad with a global corporation. Collaborative selection by the executive director of the IEP and SIEP director shall be based upon academic merit and financial need.

We extend our thanks and gratitude to Professor of French **Dr. Joann Hammadou** and **Silke Scholz** for their contributions to the French IEP this year, stepping in to advise and prepare French IEP students for the year abroad while **Dr. Lars Erickson** was on sabbatical in France.

IEP Outreach Update 2015-2016

This 2015-16 school year, our IEP Student Ambassadors focused on creating and updating student handbooks for the year abroad, recruiting new students, and mentoring underclassmen in the program.

This year's IEP student ambassadors were:

Katie Brown (Biomedical Engineering, Spanish), Ian Calise (Chemical Engineering, German), Arielle De Souza (Ocean Engineering, French), Amanda Junkins (Biomedical Engineering, French), Sean Marran (Mechanical Engineering, Spanish), Minh Pham (Civil Engineering, Chinese), Joe Sullivan (Chemical Engineering, German).

Our efforts toward community-building started in early Fall when IEP Coordinator Heather Price and Assistant Director of the IEP Living and Learning Community Angela Graney participated in the training orientation for Resident Academic Mentors (RAMs) appointed to mentor freshmen in the four College of Engineering dorms. They spoke to the RAMs about the IEP and the IEP LLC in order to facilitate connections with the freshmen engineering population, especially those living in Hutchinson Hall, which has been designated an IEP-themed dorm within the Engineering Living and Learning Community. Angela, Heather, and Spanish IEP Director Silke Scholz were also on hand to greet freshmen at Hutchinson on move-in day in September, and held IEP orientation meetings for each of the IEP language programs once the semester was underway. Nearly 150 freshmen enrolled in the IEP in Fall 2015!

In addition, IEP Directors Sigrid Berka, Silke Scholz, Michelangelo La Luna, and Xiaoyan Hu were at three Open Houses and three Welcome Days to recruit and welcome new students to the IEP, along with our IEP ambassadors.



ELLC RAM Catherine Cronin (ELE/ German IEP), Heather Price, Angela Graney, and Mike Hitchiner (BME/ German IEP) greet freshmen IEPers at Hutchinson on move-in day.



This Fall, IEP Ambassadors planned a junior-senior bowling outing to encourage 3rd year IEP students to connect with 5th year students and international students from the countries where they will be studying next year.



IEP Ambassadors L-R: Minh Pham, Joe Sullivan, Arielle De Souza, Sean Marran, Katie Brown, and Amanda Junkins.

IEP Outreach Update 2015-2016

Max Gutierrez (Mechanical Engineering/German '16) was invited to speak at his high school alma mater for the Foreign Language Honor Society Induction Ceremony at West Warwick High School on May 11th. The ceremony itself was approximately 30 minutes in duration and featured the induction of students into the Spanish, French, and Italian Honor Societies. Here is an excerpt from his speech:

I knew from a very early age that I wanted to seek a career in mechanical engineering. This realization came to fruition through a deeply rooted obsession with roller coasters, which I developed when I was around 3 years of age. Through the International Engineering Program, I was able to acquire an internship with a roller coaster company called Maurer Söhne, located in Munich, Germany. While working with this company, I was given several unique opportunities which any roller coaster enthusiast would appreciate: I experienced an in-depth tour of the entire creation process of a roller coaster; I visited multiple German amusement parks with my multicultural coworkers for free with the use of the company's park card; and I worked for one week in the factory where I assembled roller coaster cars by myself after having received training. My work otherwise consisted of translating multiple documents to American English, creating technical drawings for existing components, re-designing an aesthetic hub which covered the lap restraint's locking mechanism, developing a fixture to be attached via welding which would serve to provide a manual unlocking of the roller coaster car's restraints as per request of Hershey Park, designing a test fixture for the wheel house assembly, and designing a dismantlable frame which would position four accelerometers above the roller coaster seat, simulating ride patrons, according to American, Chinese, and European standards. Each day spent with the company was better than the last.

In reflection of my time spent in Germany, I can say that I was able to acquire a complete immersion into German and other European cultures. While studying in Brunswick, I frequented a local brewery called Schadt's with my fellow American and other international students. Additionally, I visited several countries - such as Belgium, the Netherlands, and the Czech Republic - and other major cities in Germany - such as Frankfurt, Berlin, Hamburg, Hanover, and Stuttgart - with these American students. While interning with the roller coaster company in Munich, I had again received the opportunity to travel outside of Germany; my coworkers and I traveled to Austria during the winter to snowboard and ski in the Alps and during the summer, we visited two popular amusement parks in Italy. During this time, I also visited a friend in Paris, France. Overall, the study abroad experience has proven itself to have been a beyond worthwhile opportunity in which I was fortunate to have participated and through having visited many countries, I have made several international friends with whom I still communicate and hope to visit again.

I firmly believe that the study abroad experience is an opportunity to which every student should be exposed. Before I left West Warwick High School, I had not even considered traveling outside of the United States for an extended period of time. My view of the world was rather immature and I was unaware of the benefits of broadening cultural understanding. Therefore, I believe that more students should be informed of the endless opportunities they face upon leaving high school. The potential that these students possess to develop themselves as individuals would be greatly augmented simply by being notified of such possibilities. Moreover, studying abroad does not require you to have an abundance of wealth and is actually a feasible endeavor. It also has a substantial impact on your eligibility for future careers. Employers greatly appreciate when a potential job candidate possesses worldliness as a result of having expanded their cultural appreciation. Furthermore, the nature of being fluent in a foreign language enables you to seek jobs for which you would need to have the ability to speak that language; the number of jobs for which you would be qualified increases tremendously.

Looking forward, I will graduate from the University of Rhode Island on May 22 with a B.S. in Mechanical Engineering and a B.A. in German. I will begin my first full-time engineering position with Research & Development Solutions, Inc., located in Middletown, Rhode Island.

APPENDIX

URI names International Engineering House for program founder John Grandin

Media Contact: Todd McLeish, 401-874-2116

KINGSTON, R.I. – June 5, 2015 – In a surprise ceremony at the University of Rhode Island president’s house last week, the University unveiled a sign naming the International Engineering Program (IEP) House for the program’s founder, John Grandin.

A retired professor of German and the executive director of the program for more than 20 years, Grandin and former URI Engineering Dean Hermann Viets conceived of the idea of “internationalizing” engineering education by encouraging engineering students to study a foreign language – initially German, but later French, Spanish and Chinese – and participate in an internship and study abroad. He believed that engineers with multicultural skills would be better prepared to enter the global workforce.



Photo by Joe Giblin.

“John Grandin was visionary in creating the International Engineering Program, and he turned it into one of the most prestigious undergraduate programs on campus, attracting top students from across the country,” said URI President David M. Dooley. “He is most deserving of having the IEP House named for him.”

Legislation authorizing the naming of the building was passed by the Rhode Island General Assembly and signed by Governor Gina Raimondo on May 21.

The IEP program was launched in 1987 and has become a model for dozens of similar programs around the country. Students in the program earn degrees in both engineering and a foreign language, and they spend a year abroad studying at partner universities and interning at an international company.

The IEP House is a former fraternity house that was converted in 1998 into a residence hall for students in the program and office space for program administrators. It houses 40 American and international exchange students. Students who live there engage in a wide range of international events and activities, including frequent coffee hours and film screenings held in a foreign language. A second IEP House, named for Texas Instruments, was opened in 2007, and houses 36 students and includes a full dining room and private chef.

At the naming ceremony, J. Vernon Wyman, URI assistant vice president for business services, shared stories of the challenges he and Grandin undertook to seek approval and convert the formerly run-down fraternity building into a modern residence hall.

“John is someone who had a vision that could cut through all the red tape necessary to accomplish his goal,” said Wyman. “He saw through the total mess of what the building was to find what great potential it had.”

The ceremony, which took place on Grandin’s 75th birthday, also included comments by Winnie Brownell, dean of the URI College of Arts and Sciences, Sigrid Berka, director of the International Engineering Program, and several IEP alumni who lived in the house.

“I had doubts at first about whether I really wanted to have my office in a building with 40 undergraduates,” Grandin joked, “but it was a very rewarding experience.

“I know that naming a building isn’t something that happens overnight, so I am incredibly moved that you took the time to do this when so many other things are going on,” he added. “I am very honored to have my name on this building.”

2016 J-Term Tour to Germany

“Like many of the other students on this trip, this wasn’t only my first time in Germany, this was my first time leaving the United States. The URI Germany J-Term is an adventure. While the focus is on the opportunities for engineering students, there is something for everyone on this trip. Exploring the Bundestag gave me a new insight into the politics of another country, and also exposed me to an alternative viewpoint of the events of the Second World War. Seeing “Common Ground” at the Gorki Theatre in Berlin introduced me to a more nuanced version of the events of the Bosnian War. The Frankfurt Opera, although difficult to understand, was magnificent. Of course, the wide variety of company visits we took gave me insight into what careers I may want to pursue with my engineering degree. University tours in Braunschweig and Darmstadt gave me a feel for what student life abroad might be like. I am going to miss the new foods that I tried like döner and currywurst. My first time abroad was wonderful.”- **Patrick Curtis**



Maxim Gorki Theatre, Berlin

“I really enjoyed our school and company visits. Meeting students from the technical universities was really interesting and helped alleviate some the stress I had about living in Braunschweig and attending TUBS next year. It was somewhat of a relief to know the TUBS students had similar concerns and questions about attending URI. The company visits were extremely interesting, even when the focus was not in my discipline of engineering. In fact, I found the Dow Chemical presentation to be one of the most helpful of the company presentations because they talked a lot about the culture within the company and not just what the company did.”- **Taylor DiLeo**



TU Darmstadt- High Voltage Lab

“Once we got to Hamburg, I saw all the classic architecture that I always picture when I think of Germany, and it was so amazing. I also really enjoyed their public transportation. I love trains. It was so easy to get around and visit. Once we were at our second



Siemens Turbine, Berlin

city, I felt confident enough in exploring on my own because the S and U-Bahn systems are very easy to navigate.

We attended BMW (my absolute favorite visit!) and were able to see the robots putting the car parts together, and everyone was delighted by it. Germany is also extremely environmentally friendly and visiting the Bundestag (German parliament building) was fascinating just to simply hear about the amazingly cool ecofriendly technology they had in place.”- **Katie Bryan**



BMW, Leipzig

Studenten diskutieren über Trends in der Messtechnik Hexagon Manufacturing Intelligence gewährt spannende Einblicke in neue Technologien

http://www.hexagonmetrology.de/Aktuelles_86.htm?id=6374#.V0dbCfkrJtp

26. Januar 2016

16 Studentinnen und Studenten der Rhode Island University besuchten am Freitag, den 22.01.2016 die Firma Hexagon Metrology GmbH. Diese hatte zum Thema „Trends in der Messtechnik“ an den Standort Wetzlar eingeladen und den Besuchern einen tiefen Einblick in moderne Produktions- und Qualitätsprozesse geboten. Die Studierenden hatten die Möglichkeit direkt mit Experten in Kontakt zu treten und Produktionsfragen zu diskutieren. Im Rahmen einer Präsentation bekamen sie einen Einblick in die Aufgaben eines Sales Support Mitarbeiters. Hier wurde schnell klar, dass neben der Sprache vor allem das Kulturverständnis und der gegenseitige Respekt Grundlagen für eine gute Zusammenarbeit sind. Im Anschluss wurden die Jungakademiker über die Trends in der Messtechnik informiert und diskutierten dazu angeregt mit dem Leiter der Forschung und Entwicklung.

„Beziehungen zu Hochschulen, ebenso wie die Vergabe von Studien- und Masterarbeiten, bilden eine wichtige Grundlage für unser Employer Branding. Der frühe Kontakt zu Studenten ist eine gute Möglichkeit um auf uns aufmerksam zu machen“, so der Bereichsleiter Personalwesen Alexander Jakob.

Für die Studentinnen und Studenten war dies nicht der einzige Besuch im Hexagon-Konzern – Als nächstes reisen sie an den Standort North Kingstown

Über Hexagon Manufacturing Intelligence

Hexagon Manufacturing Intelligence unterstützt die herstellende Industrie bei der Entwicklung der bahnbrechenden Technologien von heute und der revolutionären Produkte von morgen. Als führender Anbieter von mess- und fertigungstechnischen Lösungen haben wir große Erfahrung im Wahrnehmen, Denken und Handeln, d. h. im Erfassen, Analysieren und aktiven Nutzen von Messdaten. Unsere Kunden profitieren von einer höheren Fertigungsgeschwindigkeit, einer schneller wachsenden Produktivität und gleichzeitig steigender Produktqualität.

Mithilfe eines Netzes von lokalen Servicezentren, Fertigungsstätten und Vertriebsniederlassungen auf fünf Kontinenten sorgen wir für einen intelligenten Wandel in der Fertigung und tragen so zu einer Welt bei, wo mehr Produktivität durch mehr Qualität erreicht wird. Weitere Informationen erhalten Sie auf HexagonMI.com.

Hexagon Manufacturing Intelligence ist Teil von Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), einem weltweit führenden Informationstechnologieanbieter, der für mehr Qualität und Produktivität in georäumlichen und industriellen Unternehmensanwendungen sorgt.



BMW cruises onto URI campus Monday to recruit students from International Engineering Program

Media Contact: Elizabeth Rau, 401-874-4894

KINGSTON, R.I., March 9, 2016—A BMW cruised onto the University of Rhode Island campus on Monday, a sparkling white sports car with a top speed of 155 miles per hour. But don't worry. It never moved.

The hybrid car—a BMW i8, to be exact—was parked outside the International Engineering Program's buildings on Upper College Road for the day while BMW representatives interviewed engineering and business students for internships.

It was BMW's first visit to the Kingston campus and, if crowd size is a measure of enthusiasm, probably not the company's last. Dozens of students, mostly from the International Engineering Program and International Business Program, turned out for the interviews, and many posed for a photograph with the car later.

"It's very special for BMW to be here," said IEP director Sigrid Berka, who organized the visit. "BMW is the No. 1 desired employer in Germany. I'm very happy to host them."

The award-winning five-year IEP program offers a dual degree in an engineering field and a language—Chinese, French, German, Italian or Spanish, with Japanese on the horizon. Students spend a year studying abroad and participating in an internship. The program is thriving: nearly all of the graduates find jobs, including some with BMW.

Seven URI students are working with BMW—two at the Munich headquarters and the others at BMW Manufacturing in South Carolina and at BMW of North America in New Jersey, including Dennis Heaphy and Eric Sargent, both IEP graduates.

Heaphy and Sargent told the students that the IEP program did a great job preparing them to work at BMW. Not only did they learn a new language, they learned how different countries solve problems.

"The language was crucial for me," said Heaphy, who studied in Germany during his time at URI. "Several hours a day in this job you're conversing with your partners overseas."

The BMW representatives interviewed students in the morning and afternoon for internships, which are paid and last six months. What are they looking for? Enthusiasm, enthusiasm, enthusiasm.

Later in the day, a group of students braved the chilly weather to pose with the car, which, in case you're wondering, can go from 0 to 60 miles per hour in about 4 seconds and sells for just over \$140,000.

"I'm a car enthusiast," said John Brehany, of Holden, Mass., who interviewed for an internship and is an IEP student studying mechanical engineering and German. "I'm really, really happy that I got the chance to talk to them. It's awesome they brought the car here. You get to see the application of what you're studying in one beautiful package. It's the ultimate driving machine."

His roommate, Benjamin Welch, is also enrolled in the program, but his focus is electrical engineering. Still, he couldn't help but be charmed by the car. "So cool," he said. And so is the IEP. "It kept me here at URI," he said. "It's a great program, and job placement is 100 percent. You can't beat that."



Students gather around a BMW i8 parked outside the International Engineering Program's building on Upper College Road at the University of Rhode Island in Kingston. Photo by Michael Salerno Photography.

FINCANTIERI AND THE UNIVERSITY OF RHODE ISLAND TOGETHER FOR ADVANCED TRAINING

Prestigious agreement signed with the International Engineering Program of the American University for the start-up of an advanced training course

Trieste, 7 March 2016 – Fincantieri and the **University of Rhode Island** (U.S.A.), on behalf of its International Engineering Program (IEP), has signed an important understanding which establishes the beginning of mutual collaboration to develop academic and cultural interchange.

The agreement, of an initial duration of three years with renewal possibility, will begin in the first half of 2017 and will be dedicated to undergraduated and graduated students from the University of Rhode Island.

In particular, Fincantieri will consider the insertion of some of the most skilled students from the faculties of mechanical, electrical and electronic engineering of the American university, in an internship program to be held at its premises in Italy. In fact, after a training period, the students will be given the chance to increase and upgrade their systemic and transversal skills in the company's Italian facilities, integrating the specialist know-how given from the academic world with the concreteness and professionalism of the business world. The understanding also includes the possibility of activating further collaboration forms of specific projects related to research and innovation, also involving our American subsidiary **Fincantieri Marine Group (FMG)**.

The agreement is part of a more global strategy of the Group, aimed at undertaking continuous collaboration projects with the top international universities and institutes in order to increase Fincantieri's presence worldwide and attract talents and professionals from all over the world. Fincantieri, which has always given fundamental importance to the training and development of its employees, intends to give a further response with this initiative to an increasingly more complex, global and competitive market.

* * *

Fincantieri is one of the world's largest shipbuilding groups and number one by diversification and innovation. It is leader in cruise ship design and construction and a reference player in all high-tech shipbuilding industry's sectors, from naval to offshore vessels, from high-complexity special vessels and ferries to mega-yachts, ship repairs and conversions, systems and components production and after-sales services.

Lars Erickson, French IEP Director: Sabbatical Year in France 2015-16

- I created a new course, FRN 350 French for Specific Purposes. The course has already been accepted as a general education Integrative class, approval for Communicate Effectively is pending. This is a variable topics class that will initially be taught as French for Engineering class.
- I have completed a full draft of all nine chapters of my French for Engineering textbook. The textbook's 149 pages cover general engineering skills and develop students' abilities to communicate effectively in French as an engineer.
- With the cooperation of the IEP Directors, a Spencer Foundation Small Research Grant has been drafted and will be submitted for the August 1, 2016 deadline. The proposed research aims to evaluate the development of the students' linguistic and intercultural communication skills during their IEP year abroad. In particular, the research will focus on how the study abroad and internship parts of their year influence the development of these skills.
- My case study article on French IEP students has been submitted to the Online Journal of Global Engineering Education. Pending revisions, the article will be accepted.
- I have been working on an exchange agreement with the Institut Supérieur Aquitaine du Bâtiment et des Travaux Publics (ISABTP). This will complement our existing exchange with the Université de Technologie de Compiègne by offering more specific courses and internships for our ocean and civil engineering students.
- An exchange agreement is in the works with the IGR-IAE, a business school in Rennes. The exchange will replace the existing one with the Kedge Ecole de Management of Marseille. It promises to open up many internship opportunities for our IBP students.
- I have also been discussing a small-scale exchange with the IAE Pau-Bayonne. The school has arranged an agreement with the Groupe Signature, a roadway infrastructure company, that would place our IEP students in internships with this company. The IAE Pau-Bayonne is a business school and they can offer project management of IBP students.





URI Chinese Newspaper Issue 2, Spring, 2016

何文潮教授 致辞

2016年4月1日

名人有约 Feature Story

国际工程项目主任-

Dr. Sigrid Berka



记者 Reporter

邹隆 Long Zou

凌思华 Alex Ling

班塞睦 Samuel Browne

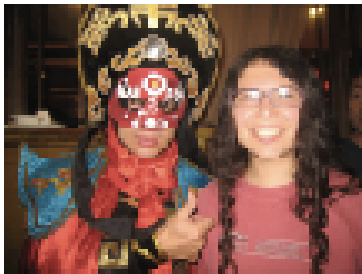
作者 Author

邹隆 Long Zou

凌思华 Alex Ling

这个学期罗德岛中文报社很荣幸地访问了国际工程项目的主任 Sigrid Berka 女士来为读者们介绍这项学习项目。国际工程项目是一个五年制的学习项目，参加此项目的学生在大学期间会有在其所学的语言国家留学一年的机会，并且他们在大学毕业的时候能获得工程以及语言本科学位。随着求职市场变得越来越国际化，诸多公司更愿意聘用精通双语

育的人才，因此从这个学习项目毕业的学生会在众多求职者中显得更为出众。通过这个项目学生们不仅能对异国文化有一个很好认知，并且可以使他们把所学的语言和工程知识在留学期间有一个很好的结合。其次学生们通过留学的经验可以使他们在第二语言的使用上和生活技能上有一定的提高，并且在一个陌生的环境中他们将会遇到种种从来没有体验过的经历这将迫使他们在独立地面对和解决问题。最重要的是这些经历将拓宽他们对世界以及不同文化的认知。



在过去的几个时间里这个学习项目得到了迅速地发展，现在越来越多的学生希望在他们工程学位的基础上再学习一门外语。随着每年不断有更多的人量的新生涌入这个项目中，这促使我们不得不与更多的外国大学成立一个合作协议来维系我们长期的合作关系。

在我担任这个项目主任期间经常会被学生问到，参加这个项目这么忙是不是没有时间参加平常的大学的社交活动？即便这个项目听起来会让人觉得有非常多的功课，但是许多现有的学生还是能很好地兼顾学业和社交活动的。例如我们有一部分学生会参加极限飞盘队、赛艇队或者其他一些社团。总而言之这个项目的初衷是想开发学生们的语言潜能并结合他们工程专业所学的知识使他们在未来的求职过程中显得更有竞争力，并且拓展他们的视野使其对不同文化群体和世界有一个更完善的了解。



This semester we interviewed the IEP director, Dr. Sigrid Berka, to answer any questions students may have had about the program that she runs. The IEP program is a five-year program where one graduates with both an engineering degree and a language degree. This dual degree sets you apart from other students because the

engineering market is becoming increasingly global. Engineering Companies want to hire bilingual students in order to serve overseas clients that they could not otherwise help. The IEP program is different from other dual degree programs in other schools because it requires for students to spend a whole year abroad studying Chinese. Most other schools that offer a dual degree program only require their students to spend a summer abroad. Many European schools have five-year master degree programs. Often when an American with a five year degree applies, even if it is just a bachelor's degree like the IEP program offers, many European companies see you as the equivalent of a European student with a master's degree.

The IEP program allows its students to apply their engineering skills in a real world context. It also allows them to work in a new culture and be immersed in another language.



These experiences give the IEP students an unprecedented opportunity for growth and experience. It is because the students are forced to handle these unique situations on their own that it prepares them for their future.

This program has been expanding very rapidly because many students want to learn a second language along with their engineering degree, it led to some challenges where we weren't sure if the university could handle the influx of students that we were sending them so we had to work out an agreement with another university in order to deal with the influx of students.

A common question that is asked is whether the students have the time to have a social life, because they are working towards a dual degree. Even though this program

seems to be a lot of work, many of the students still have a social life. Some are on an ultimate Frisbee team, while others do some outreach with youth groups. Some IEP students are on the rowing team; this means that they wake up at 5 AM every morning and are still able to handle the workload of this program. An important notice for incoming freshman who are thinking about joining this program is to come talk with us. Some courses that you take abroad can be transferred to URI, so there would be no need to take those courses here. The ultimate goal in this program would be that you put an equal emphasis on your engineering curriculum and your foreign language curriculum. This way you have the technical skills to make a meaningful contribution, and also the language skills to put your degree to work in another country.

Student Profiles

URI physical therapy, engineering students team up to modify toy cars for children with disabilities

Media Contact: Elizabeth Rau, 401-874-4894

KINGSTON, R.I., Nov. 12, 2015 – Cerebral palsy limits children’s ability to move freely, never mind zip around their neighborhood in a motorized toy ride-on car.

Thanks to physical therapy and biomedical engineering students at the University of Rhode Island, local boys and girls with mobility challenges will soon be cruising in Range Rovers, Mario Go-Karts and Barbie jeeps. The students are teaming up to modify toy cars for children with disabilities. The goal is to help the kids enjoy the same activities as their peers – and be more independent.

If all goes as planned, six children, ages 17 months to 6 years old, in Rhode Island, Massachusetts and Connecticut will receive cars in the Lil’ Rhody Riders program, possibly before the holiday season. “These kids just want to have fun, like any kid,” says Sandra Maliangos, project co-founder. “They can do what their friends do if you give them the right tools.”

A few months ago, Maliangos and Coral Hines – doctoral students in physical therapy – heard about Go Baby Go, a program at the University of Delaware that alters cars for children. They decided to launch a similar program in Rhode Island for their department’s leadership project. Two hurdles: They needed money to buy the cars, and engineering expertise.

The two launched a crowdfunding site and quickly raised \$1,200, enough to buy cars for children who have mobility impairments from conditions like cerebral palsy, fibrosarcoma and chromosomal abnormalities. “We were ecstatic,” says Maliangos. “People were so supportive.” Next, the students reached out to URI’s biomedical engineering department to find out if anyone would be interested in whipping the cars into shape. The response: You bet.

“We realized we were a little bit over our heads,” says Maliangos of Warwick. “We also thought it would be a good idea to work with another department. The more hands the better.”

Katie Brown of North Kingstown, Zach Campo of South Kingstown and Cara Nunez of East Greenwich – all seniors majoring in biomedical engineering – signed up for their capstone engineering design project.

“This project is a wonderful marriage of two URI departments,” says Ying Sun, of West Warwick, professor of biomedical engineering and the engineering students’ supervisor. “It shows how engineering technology can benefit the community – and children with disabilities. We’re very proud that our students, at the beginning of their careers, are working on such a meaningful program.”



Sandra Maliangos, Coral Hines, Zach Campo, Cara Nunez and Katie Brown inspect a bar on a toy ride-on car they altered for children with disabilities.

The cars are being tailored to meet individual children's needs. Through simple rewiring, a red button on a steering wheel might replace a gas pedal. A joystick could work as a steering wheel. Fasteners and railings on a seat will keep a child's head upright. And some cars might have bars in back that parents can grab if their children take off. Students are also installing ultrasound sensors under the control of a microprocessor that would automatically shut off the car if it gets too close to a wall, tree or other object. "Safety is a priority for us – and the sensors do the trick," says Campo. Also, the team is working on a way for parents to control the car remotely, in case it needs to be stopped immediately.

"It's especially gratifying to know that the work we're doing is directly helping these children," says Nunez. "I like seeing other people benefit from my work – and be happy. It's part of the reason I'm a biomedical engineer."



URI students (from left to right) Sandra Maliangos, Cara Nunez, Katie Brown, Zach Campo and Coral Hines hold a toy ride-on car they modified for children with disabilities. Photos by Joe Giblin.

Brown says the project is challenging and immensely rewarding. "Each car is unique. We can't make just one car for everybody. Doing a project that I know will help children – and make their day – is very fulfilling."

Hines, of Jamestown, says the cars can boost the children's self-esteem: "When you're a toddler feeling like you're in control is important. These cars empower them with confidence – where they go, who they play with."

Parents found out about Lil' Rhody Riders through word of mouth and the program's Facebook page.

Tara Dunne, of Enfield, Conn., expects the car to change her 2 1/2-year-old daughter's life. Kate's cerebral palsy limits movements of her four limbs.

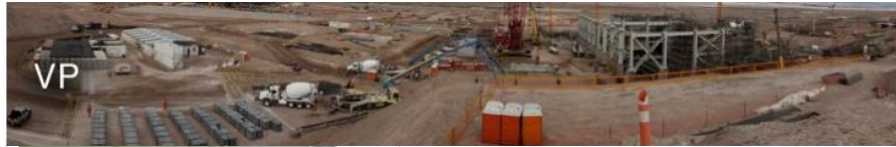
"Right now, she can't walk, sit or crawl," says Dunne. "She can scoot on her back. That's her only means of independent mobility."

Playing inside with friends is manageable, but in the outdoors she often feels isolated. "If people are running around outside she can't participate," says Dunne. "It will be really cool for her to get in on the fun, not having her mom pushing her around. She's very smart, she has a lot of personality and she likes participating with other kids. This will give her that chance."

And Kate will probably have no problem behind the wheel. Dunne says her daughter knows that pressing buttons make things go. "And that's just fun."

The students are still accepting donations to modify more cars. To contribute, contact the students through the program's Facebook page (https://www.facebook.com/lilrhodyriders?_rdr=p%22).

Brown, Campo and Nunez hope to present a paper and poster about their work at the Senior Design Competition of the Northeast Bioengineering Conference at SUNY, Binghamton, in the spring.



Exportando conocimiento

Tres futuros ingenieros estadounidenses realizan su práctica profesional en la VP. La idea es que cada año vengan más gracias a un nuevo programa de RR.HH.

18-05-16 Hacer la práctica profesional en la VP es la meta de muchos universitarios chilenos, y ahora también de Estados Unidos. Gracias a un nuevo convenio con la Universidad de Rhode Island, coordinado por la Dirección de Reclutamiento y Desarrollo de RR.HH., tres alumnos de ingeniería de dicha casa de estudios realizan una pasantía en la VP: Chris Salazar, Jacob Gellinas y Alexander Mendoza.

Su universidad les permite obtener un segundo grado académico y ellos optaron por español, lo que les exige pasar un año en países de habla hispana: un semestre en una universidad y el otro haciendo la práctica en una empresa. En Chile, tienen un convenio con la Universidad Católica de Valparaíso. Fue esta institución la que les recomendó contactarse con Codelco para las prácticas. “La directora de este programa internacional nos pidió colaboración, lo cual acogimos porque calza muy bien con lo que hace la VP, que es básicamente ingeniería y construcción”, cuenta Felipe Tirado, especialista de la Dirección de R & D de RR.HH.

Durante 2015 afinaron detalles. La universidad envió currículos de alumnos, la Dirección de R & D se los presentó a la Gerencia de Ingeniería y Constructibilidad (GIC) y ellos seleccionaron a tres. “La idea es hacerlo todos los años, enmarcado dentro del programa general de prácticas y memorias de la VP”, añade el especialista en RR.HH.

“No podíamos dejar pasar la oportunidad de trabajar en Codelco”, explica Jacob, uno de los seleccionados, que al igual que sus compañeros, antes cursó su semestre internacional en España. Ninguno conocía a la corporación, pero un rápido sondeo en internet les bastó para hacerse una idea. “Cuando vi qué tipo de compañía es, me dije: necesito ir allá”, recuerda Gellinas.

Iniciaron su práctica el primero de marzo y la finalizarán el 31 de agosto. Mendoza fue asignado al Área de Construcción, donde colabora con la estandarización de los PEP. Salazar y Gellinas quedaron en Diseño de Plantas, desarrollando modelos dinámicos. Chris trabaja con transporte de material en seco y su compañero, con flujos heterogéneos de pulpa.

La experiencia no los ha decepcionado. “Me alegra que mi proyecto sea tan interesante —dice Jacob—. Estoy haciendo trabajo de ingeniería real. Hice otra práctica y no fue interesante porque sólo me dieron cosas aburridas de oficina”.



Alexander vivió algo similar. “En la pasantía que realicé en Estados Unidos, no estuve muy involucrado, sólo me juntaba con mi tutor una vez al mes. Aquí tengo a todo el equipo de construcción al lado y me reúno casi todos los días con mi tutor, Rodolfo Aránguiz”, cuenta. Incluso ya ha ido a terreno varias veces: a Chuquicamata, Carén y Andina. “Fue increíble —prosigue—. Mis amigos chilenos se ríen porque ellos ven esto todos los días, pero para mí es como ¡guau!”.

Salazar había trabajado con un grupo de investigadores. “Es muy distinto —comenta—. Acá ves directamente cómo se aplican tus cálculos y estoy aprendiendo mucho sobre cómo funciona la ingeniería como un gran sistema”.

Adaptarse a Chile les fue fácil. “Santiago es parecido a Estados Unidos —señala Gellinas—. Claro que la gente es más amable. Acá todos quieren ayudarte”.

Alexander, hijo de una colombiana y un boliviano, se siente cómodo en la capital, escuchando bachata y reggaetón colarse desde autos y almacenes mientras camina por el barrio Brasil, donde vive junto a otros 12 estudiantes.

Aún no saben exactamente a qué se dedicarán tras titularse. A Salazar lo atrae la energía nuclear. Gellinas no descarta seguir ligado a la minería, abocado a la reducción del gasto energético. Mendoza quiere un trabajo que lo haga viajar. De cualquier modo, “haber tenido una perspectiva muy diferente de cómo funciona la ingeniería en una compañía tan grande nos será muy útil”, dice Alexander.

KATIE BROWN: RECIPIENT OF A 2016 URI BIOMEDICAL ENGINEERING EXCELLENCE AWARD

Katie Brown is passionate about helping people. As a biomedical engineer, she intends to help improve the lives of many applying the skills she's learned at URI Engineering. Her experience in the International Engineering Program (IEP) and travels to Chile showed her the global need for affordable and accessible health care options.

She says, Chile definitely opened her eyes to the differences between cultures and the opportunities available to others. Although she notes that most of her technical skills were learned here at URI, she learned the most about herself in her year in Chile. Exposure she had to the poverty and inaccessibility of resources taken for granted in Western countries affected her deeply and influenced many of her future goals.



Her major projects while here at URI have included a team project developing an eye-motion controlled arm for Amyotrophic Lateral Sclerosis (ALS) patients and a senior capstone project involving a modified-ride on toy for children with a range of mobility problems from cerebral palsy. Both of these projects were brought to the Rhode Island Elevator Pitch Contest in 2015. The ALS eye-motion arm pitch, presented at the competition, won.

Following graduation, she is looking forward to working with Abiomed, a Massachusetts company that creates temporary catheter-based heart pumps and will be working to improve their automated control interface. However, she hopes one day to be able to bring more affordable health care options to people in developing countries and improve accessibility in regions where access is difficult.



IAN MACE: RECIPIENT OF A 2016 URI ELECTRICAL ENGINEERING EXCELLENCE AWARD



For Rhode Island native Ian Mace, the IEP program and its international perspective was a real draw in choosing URI Engineering from the start. Because his interests spanned both engineering and languages, URI's International Engineering Program (IEP) a perfect fit. IEP Director Sigrid Berka suggested he consider the program when he first visited. Even though achieving degrees in both German and Electrical Engineering was a challenge, he has no regrets.

He spent last year in Germany at the Technical University of Brunswick. There, he had the opportunity to work with an institute for communication technology. Later, Ian worked for a company called ZF Friedrichshafen, AG. Both places provided him with opportunities and projects he found interesting. However, the signal processing work he did with the institute for communication really caught his interest.

Ian accepted a job post graduation NUWC and will concurrently be getting a master's degree part-time. He hopes to eventually take advantage of his language skills and to travel and work abroad.

This student received a 2016 University of Rhode Island College of Engineering Excellence award in their field of study. We are honoring this achievement by profiling them individually and looking at what makes each of them someone to look for big things from in the years ahead.



JACK CLARK: RECIPIENT OF A 2016 URI OCEAN ENGINEERING EXCELLENCE AWARD

Originally from Maine, Jack found the University of Rhode Island (URI) through its ocean engineering program. When Jack Clark was in high school, great teachers sparked a love for both languages and science. When he found out about the International Engineering Program (IEP) at URI, he knew he would be able to meld both loves into an educational path.

Going to Chile was one of the best experiences of his life. Chile was an obvious choice, he says. His high school Spanish teacher was a Chilean native who taught Spanish and the history of South America lens of the Chilean experience, culture, and politics. When he learned about a contract with Chile that started when he first applied to the IEP program, he knew where he would be going for his year abroad.

The ability to learn ocean engineering in a dynamic program taught by world-renowned professors was an exciting prospect for Jack when he joined URI. His focus in the field has been on off-shore structures, hydrodynamics, and renewable energies. His hope is to one day work with tidal or off-shore wind energy. To that end, he took advantage of an IEP internship, which focused on wave hind casting analysis and wave measuring stations for international ports. This past semester, he has worked with Professor Jason Dahl of Ocean Engineering on modeling real-time simulations with a fluid.



Over the next two years, he will continue working with Professor Dahl while getting his masters degree in ocean engineering here at URI. Before he joins the workforce, however, he intends to spend some time exploring the U.S. He says he's seen and learned so much about Chile, he's realized how much more he wants to know about his home country.



Student Profiles

URI engineering student wins the French Consulate in Boston Excellence Award

Media Contact: Elizabeth Rau, 401-874-4894

Arielle De Souza will return to France in the fall to get her master's degree

KINGSTON, R.I., May 17, 2016—When Arielle De Souza was a little girl she loved all things French: the Chanel suits; the creamy Brie cheese; the famous impressionists, including the great Monet.

Curiously, her language in high school was Spanish. She could've continued down that path at the University of Rhode Island, but decided to take a risk and start learning French at the age of 18.

Her hard work—and dedication to the French language and culture—has paid off.

In a ceremony on the Kingston campus May 19, the 23-year-old Brooklyn resident will receive the prestigious French Consulate in Boston Excellence Award, which is given every year to a New England college student who has promoted French language and culture. De Souza was chosen from seven nominees, and she is the only woman selected in the award's three-year history.

"I'm still processing it," says a gleeful De Souza. "It's exciting to be recognized on such a large scale. The sky's the limit."

On May 22, she'll graduate with a degree in French and ocean engineering from URI's acclaimed five-year International Engineering Program. Next fall, she plans to return to France to get a master's degree in engineering.

French officials say De Souza's award is well-deserved: "Arielle has been amazing motivating her fellow students to study in France," says Emmanuelle Marchand, culture attaché of the French Consulate. "She also has a great appreciation for the French language and culture."

Growing up in the Canarsie neighborhood of Brooklyn, De Souza cultivated an interest in the sciences and ocean at a young age. One of her first childhood memories is calculating currency exchanges with her grandfather in his homeland of Trinidad and Tobago, twin islands in the Caribbean off the coast of Venezuela. "To get our favorite treats we'd have to figure out how many 'TT' dollars were in a U.S. dollar," she says. "It was a great way to learn math."

Gazing at the vast sea during those childhood trips to also led to an interest in marine life. Back in Brooklyn, her mother fueled that desire with weekly visits to the seals and dolphins at the New York Aquarium.

"Marine life captures science in such a beautiful way," she says. "It's breathtaking. We also don't know all of marine life. In fact, we only know less than five percent of what's in the ocean. So there's so much left to explore. It's a wonderful mystery."

URI was her first choice. She knew she wanted to study ocean engineering, but wasn't quite sure about her language. German was a possibility, though she settled on French because "there's more water in France."



Pictured above: Arielle De Souza, a graduate of the five-year International Engineering Program at the University of Rhode Island and winner of the French Consulate in Boston Excellence Award. Photograph by Joe Giblin.

At first, she felt intimidated learning a new language as a college freshman. The professors embraced her, providing tutoring and frequent chats in French, which, she says, were “amusant.” Fun.

“I just love the way French sounds,” she says. “The fluidity of it is beautiful.”

Her engineering classes were also inspiring—fluid mechanics, offshore structure design, fundamentals of ocean mechanics, engineering wave mechanics, coastal measurement and applications. In her senior capstone project she developed a tsunami detection algorithm.

She also excelled outside the classroom. The short list: peer ambassador at the International Center, where she helped international students transition to the University; tour guide in the Office of Admission; member of the National Society of Black Engineers; member of the Society for Women Engineers; orientation leader at University College.

But it was her 2014 year abroad that changed her life. She spent six months at the Université de Technologie de Compiègne in France and then interned for six months at a French engineering company analyzing storm surge on the French Atlantic coast. Weekends were spent hanging out with friends in Paris or traveling to Brittany and the South of France. She even learned how to make macarons and “drink real coffee, not the American watery version.”

“Living in France was the best year of my life,” she says. “It’s so important as a millennial to become a global citizen. You can’t fully understand yourself as a person until you’ve experienced another culture. We live in a global world.”

When she returned to URI, it was quickly apparent that she had a story to tell—and a good one. She was selected as student ambassador for the French International Engineering Program to promote France to her classmates.

“Arielle is a bubbly, energetic, outgoing student who is a great ambassador, always reaching out to others to break down cultural barriers,” says JoAnn Hammadou Sullivan, a URI French professor. “She recognizes the vital role of speaking the others’ language to be a true team player. She has a bright future as someone who will work across national boundaries—the citizen of the world that can make us all proud.”

France has a hold on De Souza—“a strong one,” she says. In August, she’ll return to her adopted country to get a master’s degree in offshore energy at a university in Nantes or Paris.

“My year abroad at URI took all the goals and dreams I had and made them 20 times bigger,” she says. “I can’t wait to go back.”

De Souza also captured another honor this month. She was one of 25 young “futurists” recognized by The Root, an online magazine of African-American culture.

She’s in good company. Other recipients include Marques Brownlee, the tech-reviewing sensation behind the booming YouTube channel MKBHD, Yara Shahidi, who plays Zoey on ABC’s Black-ish, and Jewell Jones, the youngest City Council member ever in Inkster, Mich., a suburb of Detroit.

“This is also an incredible honor,” says De Souza. “They recognized that I’m an African American woman in engineering and that’s huge. Women in the sciences are rare enough, but being a minority within a minority is a great accomplishment. 2016 is definitely starting off for me with a bang.”

Commencement 2016: Mystic, Conn. resident to leave URI with bachelor's degrees in chemical engineering, French

Media Contact: Dave Lavalley, 401-874-5862

Presented research project at regional conference

KINGSTON, R.I. – May 9, 2016 – A conversation with her father, a visit to the University of Rhode Island and a welcoming French program at the University changed the life of Mystic, Conn. resident Kelsey Conahan.

“I originally wanted to be a teacher, but couldn’t decide if I should focus on math or chemistry,” said the graduate of Fitch High School in Groton. “But my dad talked with me about engineering, and I listened to what he said.”

Initially, URI wasn’t even in the running, with Rochester Institute of Technology and the University of Massachusetts, Lowell among her top choices of schools that had accepted her. She wasn’t interested in URI’s open house, but then things failed to fall into place at those other schools.

“So I visited URI, and I fell in love with the campus, and this was it,” said Conahan, who will graduate May 22 from URI’s renowned 5-year International Engineering Program with a bachelor’s degrees in chemical engineering and French. “I picked URI because of its ocean engineering program, but I fell in love with chemical engineering.”

She also found that she could excel in a foreign language.

“I was horrible in French in high school, but it was so welcoming here, and my French professor, JoAnn Hammadou-Sullivan, just convinced me to keep going. Next thing I knew I was a Student Ambassador for the French program, during which I ran movie nights and other events to help students from France get acclimated to URI.”

As part of the International Engineering Program, Conahan studied at the Universite’ de Technologie de Compiegne in France in the fall of 2014, and she completed a six-month internship at MedinCell in Jacou, France, during which she worked on processes to improve efficiency and safety and safer dosing procedure in the area of drug delivery.

“I loved working there,” said the URI French Mentor and URI Student Admission representative. “I was able to live on the Mediterranean, as well as an hour outside of Paris. I had the best of both worlds. I traveled so much, and I miss it.”

But Conahan might be able to return because one of the companies interested in her would have her work in Paris for six months and six months in her hometown.

“That would be great because I would love to use my French and engineering skills.”



URI photo by Nora Lewis

“I like working with polymers and metals in material science,” Conhan said. “I finished a corrosion class this semester and wrote a term paper about corrosion on boats caused by barnacles. It was so amazing. I could not have planned my college experience any better.”

As part of that experience, Conahan was an undergraduate research assistant in URI’s Department of Chemical Engineering where she worked on “Carbon-Based Renewable Hydrogel Nanocomposites for Water Purification” under the guidance of Assistant Professor Samantha Meenach.

She said hydrogels are used in the textile industry to pull blue dyes out of the water during the blue jeans manufacturing process. She said the goal is to use hydrogels to purify wastewater. She presented her findings at the American Institute of Chemical Engineers Regional Conference this year at the University of Massachusetts, Amherst, as well as the URI Chemical Engineering Symposium where she won first place for the undergraduate division.

Conahan was a member of URI’s chapter of the American Institute of Chemical Engineers for five years, serving as secretary from 2013 through 2014, and being named Junior Member of the Year in 2014.

But engineering, French and traveling to France weren’t the only things on Conahan’s URI agenda.

She was a member of URI’s vaunted sailing team from 2011 through 2014, a team that is now ranked first in the country for women.

“I founded our sailing team in high school,” said the head instructor at Shennecossett Yacht Club, “so I was so excited to join the URI team. I am still friends with some of the team members. People want to go to URI to sail, and it’s really cool that we can compete on a national level.”

So what is Conahan, who tutored a French student while abroad and who translated user and safety manuals from English to French for an energy company, going to miss most about URI?

“Oh, I am going to miss everything. I am going to miss the community because I have gotten very close to my chemical engineering professors and French professors. Chemical engineering is very small, and so we really become close.”

She also paid tribute to her parents. “My parents are my biggest supporters, and I wouldn’t be where I am without them. I don’t think they know how much they mean to me. When I called my mom, she was ecstatic that I was being interviewed for this story.”

URI mechanical and German International Engineering Program students win scholarships from German government to study, intern overseas

Media Contact: Elizabeth Rau, 401-874-4894

KINGSTON, R.I., May 26, 2016—Two University of Rhode Island mechanical engineering students have received scholarships from the German government to study and intern in the country next year.

Grace Sanita, 21, of Newport, will study the German language and work on a research project examining what causes aircraft wings to ice up during storms.

Conner Briden, 20, of Coventry, will also study the language, and his research project will examine production automation for cars.

Both students are in their fourth year of URI's acclaimed five-year International Engineering Program, which combines engineering with a language.

"I'm very excited to go," says Sanita. "It's a great opportunity that's unique to URI and makes this college special. My three years of engineering and language classes have prepared me for this next step."

The undergraduate scholarships are from the German Academic Exchange Service, or Deutscher Akademischer Austauschdienst, also known as DAAD. Sanita and Briden will receive a monthly living expense, insurance coverage and travel allowance. They competed against 211 applicants from other American and Canadian universities.

Sanita is heading to the Technische Universität in Darmstadt, outside Frankfurt, and Briden is going to the Technische Universität in Braunschweig, west of Berlin. In addition to language studies, they will work on research projects for six months and then participate in internships at German companies.

"The selection process is a tough one," says IEP Director Sigrid Berka. "We are fortunate to have landed two URI recipients in this year's pool of 211 applicants. It shows that IEP students can compete with the best and brightest from higher ranked universities in the U.S. and Canada. Setting them up with an academic research project in a renowned institute lab at their respective universities helped their cause."

Raised in Wrentham, Mass., Sanita is a graduate of King Philip Regional High School, where she excelled in math and science, especially physics. Her family moved to Newport in 2013.

URI was her first choice for college. "I was impressed by the engineering program, and I wanted to get the big state school experience without getting lost in the crowd. That's what URI is all about."

She's a member of the URI chapter of the Society of Women Engineers and Theta Tau, a co-ed professional engineering fraternity on campus.



Grace Sanita and Conner Briden, mechanical engineering students at the University of Rhode Island who won scholarships to study in Germany next year.

Photos by Michael Salerno Photography

Her sophomore year she was a Resident Academic Mentor to freshmen engineering students at Tucker Hall. Her junior year, she worked as a resident advisor, also at Tucker. She's also a long-time member of the URI Ultimate Frisbee Team—"Disky Business."

From her first days at URI she knew she wanted to study mechanical engineering, but wasn't sure of her concentration. After taking a course in fluid mechanics, she was hooked on aerodynamics.

Germany was her language of choice since her grandparents on both sides are German. "Germany is also an engineering mecca in the world today," Sanita says. "I love the German way—precision, hard work, success. And I like to work, so I expect to fit in there."

Her de-icing research, she hopes, will help save lives. As for her internship, she might work for Lufthansa Technik, the German airline maintenance and overhaul operation, MTU Aero Engines or Airbus.

It'll be her first time away from home for an extended period. She went on a URI J-term trip last year to Germany, but it was only for 10 days during winter break.

Her parents, Laura and Drew, are already planning their itinerary to visit. "My parents are as excited as I am," says Sanita. "They're also really proud of me. Without URI, I wouldn't have the chance to go abroad, study a language, work on an important engineering project, and do an internship in another country. That's amazing."

Raised in Coventry, Briden attended Coventry High School, where, besides math and science, he also excelled in writing, history and music. He plays the baritone horn.

He, too, came to URI for the engineering program. One of his proudest accomplishments at the University is working in the lab of Professor Mohammad Faghri, who helped create a new paper-based platform for conducting a range of diagnostics for conditions ranging from Lyme disease and HIV to Ebola and malaria.

Briden is a URI Centennial Scholar, and he received the Dr. Barbara Woods Memorial German Studies Award last year. He has also been on the Dean's list for the last three years.

He hopes to do an internship at Hexagon Manufacturing Intelligence, which makes measuring equipment. He has already landed a summer internship with Hexagon in North Kingstown, R.I., and hopes to continue with the same company in Wetzlar, Germany.

"I'm very humbled being chosen for this award," says Briden, who will be making his first trip to Germany.

"It's a big honor. I'm so grateful."

Adios: URI students win grants to study foreign languages overseas

Media Contact: Elizabeth Rau, 401-874-4894

Rhode Island Foundation administers fund

KINGSTON, R.I., June 8, 2016—Micah Kittel will board a plane in the next few weeks and fly 5,000 miles to his new home for the next year: Chile.

He can thank one person for making the journey possible: Beatrice S. Demers, a former University of Rhode Island professor who had a love for languages and the world.

Kittel, 23, of Portsmouth, is one of 17 URI students who won grants from the Beatrice S. Demers Foreign Language Fellows fund to travel overseas.

Demers spent her life teaching foreign languages, first to students in the Pawtucket schools and then to students at URI, where she taught for more than 30 years.

After her death, she left \$4 million to the Rhode Island Foundation to establish and administer the fund.

This year, the URI students are sharing \$238,545 to study in Germany, France, Chile, China, Japan and Jordan. The fellowships cover the cost of tuition, fees, travel, housing and living expenses.

Kittel says he wouldn't have been able to go overseas without his award. He's in his fourth year of URI's five-year International Engineering Program, which combines engineering with a language.

"To be frank, without the Demers scholarship I wouldn't be going to Chile," says Kittel, who is concentrating in ocean engineering and Spanish. "I'm beyond grateful. It has made my trip financially feasible. I'm extremely excited."

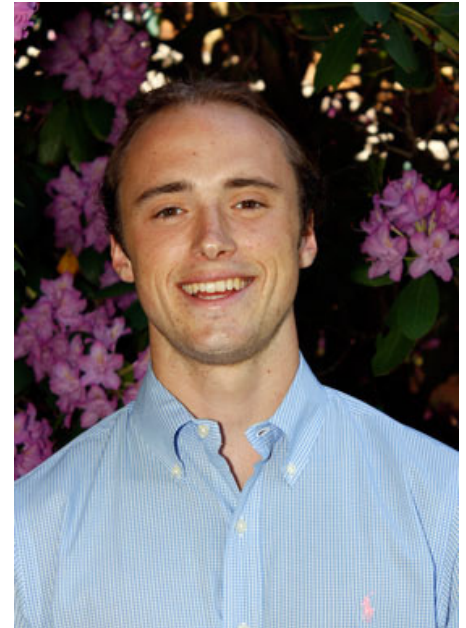
Kittel and the other applicants were judged on their dedication to foreign language study; the likelihood that the program will promote language fluency; and the variety of languages and programs.

The Demers fund is open to all Rhode Island residents, not just students. Non-resident students who attend a Rhode Island college or university are also eligible. Preference is given to URI applicants.

Kittel is already a world traveler thanks to his parents, who "emphasized experiences instead of things" and encouraged their five children to be "citizens of the world."

The family lived in Portugal for a year when Kittel was in fifth grade and in Costa Rica for three years when he was in high school. To get there, Kittel and his father drove a pickup truck 15 days across the United States and Central America.

"It was the trip of a lifetime that provided me with unique and tangible insights into the Hispanic culture," he says, "as well as an unforgettable experience with my father."



Micah Kittel, of Portsmouth, a student in the Spanish International Engineering Program at the University of Rhode Island who won a Beatrice S. Demers award to study in Chile next year. Photo courtesy of Micah Kittel.

Living in Costa Rica he came to appreciate the Spanish language and culture. In Chile, he'll study at La Pontificia Universidad Católica de Valparaíso, taking language and engineering courses with Chilean students.

"That's the beauty of the program," he says. "I'll be taking classes alongside native Chilean speakers. That's the best way to learn the language."

After graduating in 2018, he hopes to return to Chile, or another Spanish-speaking country, to work. "That's where I see myself spending my life and being the happiest," he says. "The URI program has been the perfect preparation for me. I am confident the IEP will provide me with the tools to make that dream a reality."

Mackenzie Mitchell, 20, of Coventry, a biomedical engineering student in the German International Engineering Program, will study at Technische Universität in Braunschweig for six months. After that, she hopes to work on sensors for another six months at Siemens Healthcare.

"I'm so thankful," she says. "Money is always a struggle when it comes to school. I pay my own way. I was just so relieved to get this scholarship."

Ethan McClure, of Wakefield, has been studying in Japan since October. The electrical engineering and mathematics major first lived in Tokyo, where he was a research student at the Tokyo Institute of Technology. Now he's living in Kyoto working at Shimadzu Corp., one of the leading scientific instrument makers in the world.

"I was honored to receive the Demers," he says. "My time here in Japan has been incredibly interesting academically and culturally. The entire experience has been life-altering."

The other Demers recipients are: Jean-Francois Brehany of Holden, Mass. (German); Andrew Brown of Brookline, N.H. (German); Ibrahim Brown of Colchester, Conn.; (German); Michaela Connell of Cumberland (French); Jose DaSilva of Providence (Spanish); Christopher Fraraccio of Ledgewood, N.J. (German); Matthew Freeman of Scituate, R.I. (Chinese); John Kahrs of Scituate, Mass. (French); Joseph Korzeb (Arabic); Kayla Lombardi of Saunderstown (German); Katherine O'Brien (Italian); Michael Palmer of Cranston (German); and Thomas Schubert of Concord, Mass. (German), and Ian Kanterman of Brick, N.J (French).

"Beatrice Demers believed in the transformative power of studying a language abroad in the country where it is spoken," says Winifred E. Brownell, dean of the College of Arts and Sciences at URI. "She was a visionary who has provided phenomenal opportunities to our students and will do so in perpetuity. I knew Beatrice and am aware that she lived very modestly and invested wisely so that she could provide this leadership gift that substantially benefits URI students in their quest to become effective global professionals."