2009-2010 Facts & Figures
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88095 Langenargen
+49 7543 4264
hubertus.christ@t-online.de
## Enrollment Figures 2009-10

<table>
<thead>
<tr>
<th>IEP #</th>
<th>% of IEP</th>
<th>URI College of Engineering Undergraduates</th>
<th>IEP as % of COE</th>
<th>IEP compared to COE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # of Students*</td>
<td>264*</td>
<td>1088</td>
<td>23%</td>
<td></td>
</tr>
<tr>
<td>Female*</td>
<td>66*</td>
<td>25%</td>
<td>158</td>
<td>41%</td>
</tr>
<tr>
<td>Male*</td>
<td>198*</td>
<td>75%</td>
<td>930</td>
<td>20%</td>
</tr>
<tr>
<td>Rhode Islanders</td>
<td>155</td>
<td>61%</td>
<td>720</td>
<td>22%</td>
</tr>
<tr>
<td>Out-of-State (Includes int'l students)</td>
<td>99</td>
<td>39%</td>
<td>368</td>
<td>27%</td>
</tr>
<tr>
<td>Centennial Scholars**</td>
<td>103</td>
<td>41%</td>
<td>252</td>
<td>41%</td>
</tr>
<tr>
<td>Minority Representation**</td>
<td>43</td>
<td>16%</td>
<td>193</td>
<td>22%</td>
</tr>
<tr>
<td>Talent Development**</td>
<td>10</td>
<td>4%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* includes 10 graduate students (2 female, 8 male)
**based on reported information on undergraduate students

### By Engineering Discipline

<table>
<thead>
<tr>
<th>IEP #</th>
<th>% of IEP</th>
<th>URI College of Engineering Undergraduates</th>
<th>IEP as % of Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # of undergraduates: 254</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical</td>
<td>47</td>
<td>19%</td>
<td>124</td>
</tr>
<tr>
<td>Chemical and Ocean</td>
<td>4</td>
<td>2%</td>
<td>11</td>
</tr>
<tr>
<td>Civil</td>
<td>39</td>
<td>15%</td>
<td>186</td>
</tr>
<tr>
<td>Electrical**</td>
<td>48</td>
<td>19%</td>
<td>296</td>
</tr>
<tr>
<td>Electrical</td>
<td>20</td>
<td>8%</td>
<td>102</td>
</tr>
<tr>
<td>Biomedical</td>
<td>22</td>
<td>9%</td>
<td>101</td>
</tr>
<tr>
<td>Computer</td>
<td>8</td>
<td>3%</td>
<td>93</td>
</tr>
<tr>
<td>Industrial &amp; Systems</td>
<td>5</td>
<td>2%</td>
<td>33</td>
</tr>
<tr>
<td>Mechanical</td>
<td>64</td>
<td>25%</td>
<td>222</td>
</tr>
<tr>
<td>Ocean</td>
<td>24</td>
<td>9%</td>
<td>134</td>
</tr>
<tr>
<td>Undecided</td>
<td>8</td>
<td>3%</td>
<td>68</td>
</tr>
<tr>
<td>Other</td>
<td>15</td>
<td>6%</td>
<td>-</td>
</tr>
</tbody>
</table>

**BIO/ELE double majors counted under both Electrical and Biomedical

There has been a 5% increase in IEP enrollment in the 2009-2010 academic year. There has also been an increase of 18% of students in the COE. As a result, we have 23% of COE students in the IEP this year.
## 2009-10 Enrollment Figures
### By Language Track

<table>
<thead>
<tr>
<th></th>
<th>German IEP</th>
<th></th>
<th>French IEP</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GIEP</td>
<td>% of GIEP</td>
<td>FIEP</td>
<td>% of FIEP</td>
</tr>
<tr>
<td>Total # of Students</td>
<td>126</td>
<td></td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>19</td>
<td>15%</td>
<td>12</td>
<td>41%</td>
</tr>
<tr>
<td>Male</td>
<td>107</td>
<td>85%</td>
<td>17</td>
<td>59%</td>
</tr>
<tr>
<td>Rhode Islanders</td>
<td>87</td>
<td>69%</td>
<td>18</td>
<td>62%</td>
</tr>
<tr>
<td>Out-of-State</td>
<td>39</td>
<td>31%</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>Centennial Scholars</td>
<td>61</td>
<td>48%</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>Minority Representation</td>
<td>11</td>
<td>9%</td>
<td>4</td>
<td>14%</td>
</tr>
<tr>
<td>Talent Development</td>
<td>2</td>
<td>2%</td>
<td>1</td>
<td>3%</td>
</tr>
</tbody>
</table>

### By Engineering Discipline...

<table>
<thead>
<tr>
<th>Discipline</th>
<th>GIEP</th>
<th>% of GIEP</th>
<th>FIEP</th>
<th>% of FIEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>19</td>
<td>15%</td>
<td>12</td>
<td>41%</td>
</tr>
<tr>
<td>Chemical &amp; Ocean</td>
<td>2</td>
<td>2%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Civil</td>
<td>17</td>
<td>13%</td>
<td>4</td>
<td>14%</td>
</tr>
<tr>
<td>Electrical</td>
<td>23</td>
<td>18%</td>
<td>2</td>
<td>7%</td>
</tr>
<tr>
<td>Electrical</td>
<td>12</td>
<td>10%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Biomedical</td>
<td>10</td>
<td>8%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Computer</td>
<td>1</td>
<td>1%</td>
<td>2</td>
<td>7%</td>
</tr>
<tr>
<td>Industrial &amp; Manufacturing</td>
<td>3</td>
<td>2%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>45</td>
<td>36%</td>
<td>7</td>
<td>24%</td>
</tr>
<tr>
<td>Ocean</td>
<td>9</td>
<td>7%</td>
<td>4</td>
<td>14%</td>
</tr>
<tr>
<td>Undecided</td>
<td>4</td>
<td>3%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td>3%</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>
### 2009-10 Enrollment Figures

#### By Language Track

<table>
<thead>
<tr>
<th></th>
<th>Spanish IEP</th>
<th>% of SIEP</th>
<th>Chinese IEP</th>
<th>% of CIEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # of Students</td>
<td>69</td>
<td></td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>24</td>
<td>35%</td>
<td>9</td>
<td>30%</td>
</tr>
<tr>
<td>Male</td>
<td>45</td>
<td>65%</td>
<td>21</td>
<td>70%</td>
</tr>
<tr>
<td>Rhode Islanders</td>
<td>33</td>
<td>48%</td>
<td>24</td>
<td>80%</td>
</tr>
<tr>
<td>Out-of-State</td>
<td>36</td>
<td>52%</td>
<td>6</td>
<td>20%</td>
</tr>
<tr>
<td>Centennial Scholars</td>
<td>25</td>
<td>36%</td>
<td>6</td>
<td>20%</td>
</tr>
<tr>
<td>Minority Representation</td>
<td>19</td>
<td>28%</td>
<td>9</td>
<td>30%</td>
</tr>
<tr>
<td>Talent Development</td>
<td>6</td>
<td>9%</td>
<td>1</td>
<td>3%</td>
</tr>
</tbody>
</table>

#### By Engineering Discipline...

<table>
<thead>
<tr>
<th>Discipline</th>
<th>SIEP</th>
<th>% of SIEP</th>
<th>CIEP</th>
<th>% of CIEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>11</td>
<td>16%</td>
<td>5</td>
<td>17%</td>
</tr>
<tr>
<td>Chemical &amp; Ocean</td>
<td>2</td>
<td>3%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Civil</td>
<td>17</td>
<td>25%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Electrical</td>
<td>11</td>
<td>16%</td>
<td>14</td>
<td>47%</td>
</tr>
<tr>
<td>Electrical</td>
<td>2</td>
<td>3%</td>
<td>6</td>
<td>20%</td>
</tr>
<tr>
<td>Biomedical</td>
<td>8</td>
<td>12%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>Computer</td>
<td>1</td>
<td>2%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>Industrial &amp; Manufacturing</td>
<td>2</td>
<td>3%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>7</td>
<td>10%</td>
<td>3</td>
<td>10%</td>
</tr>
<tr>
<td>Ocean</td>
<td>9</td>
<td>13%</td>
<td>2</td>
<td>7%</td>
</tr>
<tr>
<td>Undecided</td>
<td>2</td>
<td>3%</td>
<td>2</td>
<td>7%</td>
</tr>
<tr>
<td>Other</td>
<td>8</td>
<td>12%</td>
<td>3</td>
<td>10%</td>
</tr>
</tbody>
</table>
IEP as % of College of Engineering

Non-IEP 77%
IEP 23%

IEP Enrollment by Language

German 50%
Spanish 27%
Chinese 12%
French 11%
The sum of language track enrollment does not add up to total enrollment as some students are studying more than one language.

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Overall</th>
<th>German</th>
<th>Spanish</th>
<th>French</th>
<th>Chinese</th>
</tr>
</thead>
<tbody>
<tr>
<td>99-'00</td>
<td>149</td>
<td>110</td>
<td>18</td>
<td>23</td>
<td>0</td>
</tr>
<tr>
<td>00-'01</td>
<td>158</td>
<td>109</td>
<td>28</td>
<td>25</td>
<td>14</td>
</tr>
<tr>
<td>01-'02</td>
<td>164</td>
<td>101</td>
<td>36</td>
<td>32</td>
<td>20</td>
</tr>
<tr>
<td>02-'03</td>
<td>164</td>
<td>103</td>
<td>37</td>
<td>27</td>
<td>29</td>
</tr>
<tr>
<td>03-'04</td>
<td>178</td>
<td>113</td>
<td>42</td>
<td>27</td>
<td>30</td>
</tr>
<tr>
<td>04-'05</td>
<td>187</td>
<td>118</td>
<td>45</td>
<td>27</td>
<td>29</td>
</tr>
<tr>
<td>05-'06</td>
<td>194</td>
<td>121</td>
<td>42</td>
<td>33</td>
<td>28</td>
</tr>
<tr>
<td>06-'07</td>
<td>210</td>
<td>122</td>
<td>52</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>07-'08</td>
<td>222</td>
<td>128</td>
<td>52</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>08-'09</td>
<td>252</td>
<td>133</td>
<td>63</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>09-'10</td>
<td>264</td>
<td>126</td>
<td>69</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

The sum of language track enrollment does not add up to total enrollment as some students are studying more than one language.
For the 2009 calendar year, thirty-six international internship placements were made by the IEP Faculty. The following list shows where students completed these internships.

<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Company/Institution</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rachael Browning</td>
<td>State Key Laboratory for Chemical Engineering</td>
<td>Hangzhou</td>
</tr>
<tr>
<td>2</td>
<td>Joseph Hackman</td>
<td>HengTian</td>
<td>Hangzhou</td>
</tr>
<tr>
<td>3</td>
<td>Ben Adams</td>
<td>Total</td>
<td>Pau</td>
</tr>
<tr>
<td>4</td>
<td>Juan Cano</td>
<td>Saint-Gobain</td>
<td>Paris</td>
</tr>
<tr>
<td>5</td>
<td>David Fennessey</td>
<td>Air Liquide</td>
<td>Jouy-en-Josas</td>
</tr>
<tr>
<td>6</td>
<td>Sara Manteiga</td>
<td>Total</td>
<td>Pau</td>
</tr>
<tr>
<td>7</td>
<td>Taylor Marge*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Martha Ziolkowski</td>
<td>Geocéan</td>
<td>Cassis</td>
</tr>
<tr>
<td>9</td>
<td>Andrea Baldwin</td>
<td>Lufthansa Technik</td>
<td>Hamburg</td>
</tr>
<tr>
<td>10</td>
<td>David Caouette</td>
<td>Züblin</td>
<td>Stuttgart</td>
</tr>
<tr>
<td>11</td>
<td>Wendy Costa</td>
<td>Kraft Foods</td>
<td>Munich</td>
</tr>
<tr>
<td>12</td>
<td>Patricia Coutts</td>
<td>Osram Opto Semiconductors</td>
<td>Regensburg</td>
</tr>
<tr>
<td>13</td>
<td>Andrew DaSilva</td>
<td>Hochtief</td>
<td>Hamburg</td>
</tr>
<tr>
<td>14</td>
<td>Drew Davis</td>
<td>BMW</td>
<td>Munich</td>
</tr>
<tr>
<td>15</td>
<td>Patrick Eads</td>
<td>BMW</td>
<td>Munich</td>
</tr>
<tr>
<td>16</td>
<td>Sarah Eldrige</td>
<td>Bayer</td>
<td>Leverkusen</td>
</tr>
<tr>
<td>17</td>
<td>Shawn Fineout</td>
<td>Volkswagen</td>
<td>Braunschweig</td>
</tr>
<tr>
<td>18</td>
<td>Karolina Gaide</td>
<td>Volkswagen</td>
<td>Bremen</td>
</tr>
<tr>
<td>19</td>
<td>Amy Gibson</td>
<td>Boehringer Ingelheim M.</td>
<td>Dortmund</td>
</tr>
<tr>
<td>20</td>
<td>Brian Grenon</td>
<td>IAV</td>
<td>Gifhorn</td>
</tr>
<tr>
<td>21</td>
<td>Jack Hanson</td>
<td>Emitec</td>
<td>Lohmar</td>
</tr>
<tr>
<td>22</td>
<td>Corey Marchetti</td>
<td>Deutsche Bahn</td>
<td>Berlin</td>
</tr>
<tr>
<td>23</td>
<td>Manuel Muller</td>
<td>ZF Friedrichshafen</td>
<td>Friedrichshafen</td>
</tr>
<tr>
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* Students were successfully placed, but unable to complete the internship
### International Internship Placements 1990-2011

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* Anticipated values
Internship Partners 1990-2010
International and Domestic

Aerodata (Braunschweig)
Agfa (Leverkusen, Gera)
Air Liquide (Jouy-en Josas-Cedex)
Apia XXI (Santander)
Applied Materials (Alzenau)
Astilleros de Santander A.S (Astander)
Aviso (Gera)
Axiva (Frankfurt)

**B&J Adaptaciones (Barcelona)**
BASF (Ludwigshafen)
Bayer (Leverkusen)
Beiersdorf AG (Hamburg)
Benteler (Paderborn)
Blaupunkt GmbH (Hildesheim, Germany)
BMW (Munich, New Jersey, South Carolina)

**Boehringer Ingelheim Microparts (Dortmund)**
Bosch (Stuttgart)
Brown & Sharpe (Rhode Island)
Bruker Biospin (Wiessemebourg)
CEIT (San Sebastián)
DaimlerChrysler (Stuttgart, NJ, MI)
Deutsche Bahn (Munich, Berlin, Minden)
Emitec (Lohmar)
Ewag GmbH (Solothurn)

**Fatronik (San Sebastián)**
Gamesa S.A (Bilbao)
Geocéan
GKN Driveline (Zumaia)
Grupo de Ingeniería Oceanográfica y de Costas Universidad de Cantabria (Santander)
GTM Batiment
Hexagon (Quingdao, Wetzlar)

**HengTian (Hangzhou)**
Hilti (Germany, Liechtenstein, Spain)

**Hochtief (Essen, Hamburg)**
Hutchinson (Auxy)

**IAV (Gifhorn)**
IAV Antriebstechnik AG (Karlsruhe)
Ibaia Energía (Beasain, Ibarra)
IDOM (Bilbao)

Infineon AG (Munich)
Infremer (LaRochelle)
Johnson & Johnson (NJ, Sao Paulo)
**Kolbenschmidt Pierburg (Neckarsulm)**
Kraft Foods (Munich)
KS Fototechnik (Wuppertal)
Lemförder (Spain, Germany, South Carolina)
Lufthansa Technik AG (Hamburg)
MTU (Hanover, Munich)

**Osram Opto Semiconductors (Regensburg)**
Pentair Electronic Packaging (Quingdao)

**Pierburg, S.A. (Abadiano)**
PolyIC (Fürth)
Praxair (Spain)
Preusse Baubetriebe GmbH (Hamburg)
Price Waterhouse (Frankfurt)
Renault (Guyancourt)
Rhodia (Clamecy, Lyon)
Robert Bosch GmbH (Stuttgart)

**Robotiker (Zamudio)**
Saint-Gobain (Cavaillon, Avignon, Germany, MA)
SAP (Karlsruhe, Montreal)
Schroff GmbH (Straubenhardt)
Sensata Technologies (Aguascalientes)
Siemens (Munich, Erlangen, Madrid)

**State Key Laboratory for Chemical Engineering (Hangzhou)**
Supfina (Rhode Island, Schapbach)
STMicroelectronics (Grenoble)
Texas Instruments (Aguascalientes)
Total (Paris)
TRW
VAM/Becker Bau (Kiel)
VDO Automotive AG (Villingen)
Volkswagen (Wolfsburg)
Vorwerk & Co. (Wuppertal)
ZF (Germany, Spain, France, USA, Mexico)
Züblin AG (Stuttgart)

Note: Companies marked in bold are new this year.
Technische Universität  
Braunschweig

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**Total # of Students Exchanged = 511**  
(Does not include short-term visitors.)
Université de Technologie de Compiègne

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# of Students Exchanged
### Exchanges

#### Spanish IEP

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Exchanges
Chinese IEP

Zhejiang University
(Hangzhou, China)

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The URI Chinese Summer School
The URI Chinese Summer School is running under the direction of Dr. Wen Xiong for the second year (May 18 – July 18, 2010), offering an eight-week intensive residential immersion program with four weeks at URI and four weeks at Zhejiang University in Hangzhou, China. Changes this year include a third level, allowing us to recruit students from the complete beginner (Novice) to Advanced Low level (ACTFL scale). A third instructor, Ms. Tang Li, joined us from Zhejiang University, who is instrumental in preparing our students to make the most out of their experience in China. Nine IEP students are participating, making up 33% of the total student enrollment in the 2010 program.

The URI Chinese Language Flagship Partner Program
The Chinese Flagship Program is in its second year and growing. Our first cohort includes ten students, who will spend nine weeks studying Chinese intensively at the Flagship Center in Qingdao, China this summer. These will be classes at four different levels, ranging from Intermediate High to Advanced Mid (ACTFL scale). Only one of these students is an IEP student with a major in computer engineering. The other nine come from four other colleges across campus, with the College of Business Administration showing the greatest representation. Most of these ten students will be juniors at URI in fall 2010 and are scheduled to complete the Flagship Capstone Year at Nanjing University, followed by an internship in China in 2011-2012.

Recognizing that the combination of Flagship with IEP is an exceptional challenge, especially when students enter the University with little to no prior knowledge of Chinese, Flagship Coordinator Erin Papa visited a number of high schools that offer Chinese in Rhode Island and Southeastern Massachusetts in fall 2009 to speak to students and guidance counselors about both programs. The visit to Sharon High School resulted in two students enrolling at URI specifically for the Chinese Flagship and IEP combination.

China Development Trip- April 2010
President David Dooley, Michael Byrnes, Sigrid Berka, Erin Papa and Mechanical Engineering Professor Zongqin Zhang went on a 10-day trip to China. The goal was to enhance President Dooley’s and Sigrid’s understanding of China in the political, economic, cultural and academic spheres and thus, to get a better appreciation for the strategic importance of being involved with China. To this end, China veteran Michael Byrnes introduced the group to successful business and technology leaders with long-time China experience in Shanghai and helped us connect with the Shanghai Chamber of Commerce.
Since President Dooley had never been in China and he and Sigrid Berka wanted to get to know our partner universities for the Chinese IEP and Flagship program, they met with the leadership of Zhejiang, Nanjing and SouthEast universities and discussed ways of possible expansion beyond the existing undergraduate student exchanges. Since URI’s international strategy to expand the number of students going abroad and coming to URI from abroad overlaps considerably with that of the top Chinese universities, they were enthusiastically received everywhere and introduced to research labs where our partners saw synergies with URI. The Chinese Ministry of Education is pouring millions of RMB into its Higher Education System; our exchanges with those top ranked academic partners will surely benefit from this trend when we need scholarships for student exchanges in the years to come.

When one highlight of the trip certainly was to meet with the presidents and vice presidents of our academic partners, another highlight was that they got to see our own URI students in action in their labs and host companies, as well as meeting those exchange students from Zhejiang who had studied at URI and are now back home. They accompanied the group on the university tour and culinary adventures to local sites and restaurants. Everyone was impressed by the enormous hospitality of universities and companies alike in Hangzhou, Nanjing and Shanghai. In addition, Erin Papa used her trusted connections with the universities’ international offices to organize the academic visits and help some challenges associated with getting the right guidance and mentorship for our students in these huge institutions.

Sigrid Berka, in her role as Director of the Chinese IEP Program, also used the opportunity to build up a company network for internship placements for future IEP students. Companies they visited included some of our seasoned partners like Sensata in Guangzhou and ZF in Shanghai, as well as new leads like Motorola and HengTian State Street in Hangzhou, and Continental and Bayer in Shanghai. The Chinese IEP now has a good network of companies eager to host our Chinese speaking engineering students for internships after they complete their academic studies. The companies clearly appreciated the fact that they will be able to recruit bi-lingual and culturally savvy engineers into their work force. The China trip made it clear once again that the IEP stands out as a top notch program with which the corporate world is eager to develop partnerships.
Graduates
December 2009- August 2010

German (26)
Michael Barlow
Christopher Bessin
Corinne Buchbinder
Rebecca Boduch
Jeremy Brousseau
Scott Carlson
Sheida Danesh
Philip DaSilva
Robert Dircks
Justin Freeman
Joseph Giancaspro
Patrick Hartnett
Olufunmilayo Jenyo
Temiloluwa Kusemiju
Joseph LiVolisi
James Lospaluto
Colin O’Brien
Kyrsten O’Leary
Jarrod Pierce
Robert Priedemann
Alex Pytka
Evan Rambikur
Alex Reeb
Jarred Serpa
Phillip Wagner
Sebastian Zalewski

French (4)
Roman Alferos
Colleen Black
Juan Cano
Martha Ziolkowski

Spanish (5)
Jeffrey Bernard
Cory DiPietro
Amanda Marques
Benjamin Skrabak
Andrew Valainis

IEP Graduates through 2010: 312

German: 250
French: 27
Spanish: 33
Chinese: 2
The cost of living at the Kirk Duffy Center is slightly lower than living in a comparable dormitory on campus.
Pledges and gifts to the John Grandin IEP Directorship

**$100,000 +**
Heidi Kirk Duffy
Sensata Technologies

**$25,000-$50,000**
John M. and Carol Grandin
Udo Schroff

**$5,000- $15,000**
Walter Giraitis
Hexagon Metrology
William Silvia

**$1,000-$5,000**
Robert Ayotte
Sigrid Berka/Thomas Kniesche
Winifred Brownell
Laurie Burger
Michael Byrnes
Robert Carothers/Jayne Richmond
Robert Clough
Jonathan DiMuro
Jim Feeney
William Mainor
Raymond Wright

**$500-$1,000**
Uwe Berner
Rick D’Ambrosca
A. Michael DeRuosi
Jesse Schneider
Steven Wojciechowski

**Estimated Total at the time of print: $ 350,000**

*Hasbro and ZF have also committed to pledge to the John Grandin IEP Directorship Endowment*
Honor Roll

Over $500,000
Heidi Kirk Duffy

$150,000 - $500,000
ZF Friedrichshafen AG
Annette Kade Foundation
Max 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.
Brown & Sharpe Manufacturing Co.
Bacou USA
Hilti AG
Siemens Corporation
William and Pauline Silvia
Tonya McBride
Robert C. and Judith A. Ayotte
Boxer Family

$2,000 - $25,000
Hexagon Metrology
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
John and Carol Grandin
Gabriel Lengyel
Richard Vandeputte
Rick D’Ambrosca
Vincent DiPippo
Patrick Tunney
Sigrid Berka/Thomas Kniesche
Walter Giraitis
Michael Byrnes
Laurie Burger
Dissemination

Publications:


Rarick, Damon O. “The Student-Centered Classroom Made Real: Transforming Student Presentations in an Advanced Course on Technical German.” Die Unterrichtspraxis 43.1 (Spring 2010): 162-177.

Rarick, Damon O. “Resuscitating University Language Programs in the Global Age: The International Engineering Program (IEP) at the University of Rhode Island.” ADFL Bulletin 40.3 (2009): 78-87.


Presentations and Workshops:


Dissemination


Wright, Raymond, spoke on the panel “Understanding the Mechanics of International Education: Advising Science & Engineering Majors on Study and Interning Abroad” at the National Academic Advising Association, September 30-October 3, 2009, San Antonio, Texas – by invitation

Following the recent tradition that the Colloquium alternates between URI and another institution with a strong international engineering focus, the Twelfth Annual Colloquium was held in Ames, Iowa, at Iowa State University from October 22-25, 2009. The topic was Engineering for the Future – Global Pathways with two dynamic keynote speakers, Mike McBreen, President – Global Operations Group, Wolverine World Wide, Inc. on “Global Entrepreneurship” and James J. Duderstadt, President Emeritus and University Professor of Science and Engineering, University of Michigan. The IEP was represented by John Grandin, who reported on the results of the NSF sponsored summit on Global Engineering Education, which had been held in Newport the previous Fall and Sigrid Berka, who presented on the IEP during the “Getting Started” workshop and ran a Sunday workshop on “Transitioning into the Global Work Place.” Three IEP students came along who presented their posters on their experience abroad, as well as participated on a student panel.

We are looking forward to the Thirteenth Annual Colloquium to be held November 4-7, 2010 in Newport. This year’s topic, Moving Forward, reflects a transition in direction. After having had the Colloquium for 12 years, and having focused mainly on getting programs started, on how to build up, disseminate, and maintain successful international engineering programs, we thought that it is time to “move forward” from here; to show how certain programs have moved beyond the basics (setting up internships; study abroad; co-ops), and have enhanced their curriculum in various ways. It is also time to assess the outcome. Are international engineering students culturally more aware and open towards other societies? What impact has the international experience had on our students? Have our graduates been able to find attractive job placements where they can make use of their global experience and language skills, and cultural openness? To what extent have we been able to move beyond the student exchanges and applied international engineering experience for our students towards research cooperation amongst faculty and students? One of our keynote speakers will be URI President David Dooley.
Each year, the University of Rhode Island honors graduating seniors with superior academic achievement in a particular field with a University Academic Excellence Award.

**Evan Rambikur**, a Civil Engineering & German senior, received the Academic Excellence Award simultaneously for his academic achievements in German and for his excellence in engineering.

**Colleen Black**, Ocean Engineering & French, received the Academic Excellence Award in French.

**Brian Kintz**, a Computer Engineering & German junior, received the prestigious DAAD Undergraduate Scholarship Award for ten months of study, research and interning abroad.

The following IEP students received IEP or Department of Languages awards:

**Brandon Corey and Nick Putnam**, Mechanical Engineering & German juniors, are recipients of the Frank Woods Scholarship.

**Payam Fahr**, a Mechanical Engineering & German junior, received the Barbara Allen Woods Scholarship.

**Cory Dipietro**, Civil Engineering & Spanish, is the recipient of the Violet Grace Hellman Endowed Prize.

**Colleen Grinham**, Civil Engineering & German, is the recipient of the Sharon Wallace IEP Award.

**Brian Kintz** and Yida Yang received the Otto Dornberg Scholarship.

**Samuel Matus**, Chemical Engineering & Spanish, is the recipient of the John M. Grandin IEP Scholarship.

Six German IEP students were inducted into the national academic Phi Beta Kappa Society.

They are **Patrick Eads, Amy Gibson, Patrick Hartnett, Kyrsten O’Leary, Alex Pytka, and Jarred Serpa**.

**Lolu Kusemiju**, a Civil Engineering & German major in the IEP, received the Black Scholar Award at URI.
Faculty Excellence

• **Sigrid Berka** received the **The Federal Republic of Germany Friendship Award**, in recognition of her efforts on behalf of German-American relations and of fostering and sustaining friendship between the Federal Republic of Germany and the United States of America; awarded by Klaus Scharioth, Ambassador of the Federal Republic of Germany, and presented by Friedrich Löhr, Consul General of the German Consulate Boston, Kingston, Dec. 11, 2009.

• **Megan Echevarria** has been promoted to Associate Professor with tenure and received a Center for the Humanities Faculty Research Grant (May 2010). She was also nominated for a University Teaching Award, University of Rhode Island Foundation (Spring 2010).

• **Lars Erickson** was named “Best of Rhode Island” at the 2009 Rhode Island Foreign Language Association Conference for “The French Advantage: Engineering the Success of French – Don’t Bother with French” co-presented with Alain-Philippe Durand.

• **John Grandin** has been appointed Professor of German Emeritus and Executive Director of IEP Emeritus and was selected to be the Grand Marshal at the URI commencement celebration 2010; he also received an **“Educational Entrepreneurship Award”** by the College of Engineering, May 23, 2010 in recognition for his outstanding services as the founder and director of the IEP. On May 25, 2010 the National Security Education Program gave him a **Lifetime Achievement Award** on behalf of foreign language education in the United States.

• **Norbert Hedderich** has been appointed Chair of the Department of Modern and Classical Languages and Literature.

• **Doris Kirchner** was promoted to Full Professor and nominated for a URI diversity award.

• **Damon Rarick** was promoted to Associate Professor with tenure.
APPENDIX
Internship in Spain convinces URI student to pursue global engineering career

KINGSTON, R.I. – May 10, 2010 – When Jeff Bernard was deciding what college to attend, he sought a program that could merge his interests in chemistry, math and the Spanish language. As he prepares to graduate from the University of Rhode Island’s International Engineering Program with degrees in chemical engineering and Spanish, he’s confident that he made the right choice.

“I had taken a 10-day trip to Spain in high school, and I had a great time traveling around the country and enjoying the culture,” said Bernard, a resident of Leominster, Mass. “I knew I wanted to continue studying Spanish and combine that with chemistry and math, and the International Engineering Program was the perfect fit.”

The program enabled him to spend a year in Spain, studying for half the time at the University of Zaragoza and later interning at a global company. During his academic semester abroad, he lived with a local family that made him home-cooked meals and helped him gain confidence speaking Spanish.

“When I first got there, I was a little hesitant with the language, and the engineering terms were especially hard to learn in Spanish,” said Bernard, “but they helped me get up to speed and learn some of the colloquial sayings. By the time I got to the internship, I found myself speaking confidently and everyone understood me. That was a good feeling.”

Bernard interned at the global consulting firm Idom, where he worked on the design of an oil refinery.

“They already had the basic design of the refinery, but they were getting comments and changes from the client,” he explained. “I took the comments and implemented...
Bernard transformed by the IEP, con’t

them into the design. I took it system by system and then moved on to the next one. We completed revisions to seven or eight systems in the time I was there.”

Back at URI, Bernard participated in a research project at the University’s nuclear reactor where he set up and calibrated a small-angle neutron scattering device that allows scientists to observe the properties of a substance on a very small scale. The device shoots neutrons at materials to assess their structure.

Bernard’s experiences at URI convinced him that he wants a career as a design engineer working for a global company that will enable him to work on engineering projects around the world.

“I came to URI not really knowing what to expect of college,” he said. “The International Engineering Program was really challenging, and the professors were great. I felt really comfortable talking with them and they were always easy to approach. I can’t wait for the next chapter of my life.”

He now has accepted an offer with IEP partner company Praxair in Buffalo, NY.
URI student with dreams of being rocket scientist headed to grad school at MIT

KINGSTON, R.I. - May 10, 2010 -- When Narragansett native Sheida Danesh enrolled at the University of Rhode Island to study engineering, she had no idea what she was getting into.

She liked math in high school, and someone suggested she try engineering in college, but she never imagined that she would end up being accepted to the Massachusetts Institute of Technology for graduate school. With her graduation from URI on the horizon, Danesh is poised for her dream career as a rocket scientist or robotics engineer.

“Going into it, I didn’t know much about engineering, but now I really like the innovation involved with engineering, the creativity it offers, and the fact that there’s a lot of analytical thinking involved,” said Danesh, an accomplished violinist who grew up speaking both English and Farsi.

With a little international travel under her belt before enrolling at URI, she took on the challenge of the University’s International Engineering Program, which required her to learn another language - she picked German - and spend a year abroad.

That year in Germany was the best year of my life,” she said with enthusiasm. “Learning the language was a challenge every day, especially since I was awful at French in high school, but the traveling was amazing and my internship was really good.”

Danesh spent six months studying at the Technical University of Braunschweig and conducting research at the Productions Metrology Institute. “I was an unpaid research assistant,” she said. “They were using acoustics as a means for measuring, and I wrote a new computer program to help them acquire the data they needed.”

Later she interned at Hexagon Metrology in Wetzlar - a company she had worked for in Rhode Island previously -- where she designed equipment, built a temperature sensor, updated an optical device, and came up with ideas for a brand new machine.

“They were so open to me and my ideas, it really made me open up and want to talk,” Danesh said.
At the beginning of her year abroad, she struggled to speak German and was pleased that there were several other URI students she could speak with in English. But during her internship she spoke German exclusively.

“You make mistakes and people correct you and you learn gradually,” she recalled. “You learn it’s OK to make mistakes. And the people I worked with were very helpful and even drew pictures sometimes to help me. In the end, some of the engineering terms I learned made more sense in German than they did in English.”

Danesh called her acceptance to MIT a wonderful surprise, and she is looking forward to studying something related to robotics and vibrations.
China and International Education

May, 7, 2010  
By Dr. Dave Dooley  
President of University of Rhode Island

I began this post while sitting in a 777 on my way back from China, and bound for Detroit, then Providence. It was a pleasure to travel with Dr. Sigrid Berka (Associate Director of the International Engineering Program), Professor Zongqin Zhang of Mechanical Engineering, Michael Byrnes (a member of the IEP Advisory Board) and Erin Papa (Coordinator of the Flagship Program in Chinese at URI). We were in China to visit our university partners here associated with our IEP program and the Flagship program, and to meet with companies where URI students may be provided internship opportunities while studying in China.

I think our meetings, visits, and discussions went extremely well. Both senior administrators and faculty at Zhejiang University, Nanjing University, and Southeastern University appeared to be impressed and pleased by the nature of our International Engineering Program and by the commitment of the students involved to study and work in a Chinese language environment.

Moreover, they appeared to be uniformly enthusiastic about developing broader and deeper relationships with URI, encompassing student mobility between institutions certainly, but also faculty visits and exchanges, cooperative academic programs, and research collaborations.

The companies we visited, all of whom were affiliated with or components of global corporations, were equally enthusiastic about working with URI. All the companies agreed to create paid internships for URI students that would engage our students in projects directly related to the goals and priorities of the companies. This is exactly the kind of experience that is so valuable educationally and that I believe should become a distinguishing feature of undergraduate education at URI.

Without any doubt, there are numerous and appealing opportunities for the University of Rhode Island in China. Most importantly, our students who gain the capability to engage China, and understand its language and culture, will be exceptionally well prepared to succeed in a global economy, in a global society, where China will play an increasingly important role.
Our visit to China, while rewarding, was also sobering. If the United States truly wishes to retain its current position of global leadership, we need to increase our investments in education. Each of the universities we visited has been designated a key national university by the Chinese government. All of them are among the top universities in China. All of them are benefiting from substantial, sustained government and private sector investments designed to dramatically improve their international educational impact and their research capabilities.

In contrast, all of us here have witnessed the systematic and systemic disinvestment in public higher education in the U.S. If we are to build a sustainable knowledge-based economy in Rhode Island and the United States, then we must invest in building knowledge. China is.
Top IEP German Majors Invited to Join Honor Society

Kingston, R.I.--March 25, 2010 -- Studying German at the University of Rhode Island has never proved more gratifying than now.

6 out of 7 University of Rhode Island students studying German invited to join the prestigious Phi Beta Kappa Honors Society are members of the International Engineering Program (IEP).

“It has been a banner year for German majors in the International Engineering Program at URI,” says Dr. Damon Rarick, assistant professor of German at the University of Rhode Island. “These students should be urged to accept the invitation and to take advantage of this honors society.”

The Phi Beta Kappa Honors Society was founded in 1776 and has grown to include half a million living members. Notable members include Daniel Webster, Nelson Rockefeller, Bill Clinton, Ashley Judd, and Jennifer Granholm to name a few.

“This is quite an honor,” says Tony Amante Schepers, coordinator of the International Engineering Program at URI. “Most Phi Beta Kappa members do not study a foreign language and engineering. To be from engineering and join is really a knock-out.”

The following students are to join Phi Beta Kappa Honors Society:

Patrick Hartnett, a junior civil engineering and German major, interned at Züblin in Stuttgart in 2009.

Patrick Eads, a junior computer science and German major. He is currently interning at BMW in Munich.

Amy Gibson, a junior chemical engineering and German major. She is currently interning at Boehringer Ingelheim Microparts in Dortmund.

Kyrsten O’Leary, a senior electrical engineering and German major, interned at BMW in Munich in 2009. She will work for Electric Boat in R.I.

Alex Pytka, a senior chemical engineering and German major, interned at PolyC in Fürth in 2009. He has just joined the German dual degree masters program at URI.

Jarred Serpa, a senior mechanical engineering and German major, interned at MTU in 2009. He is going to work for Electric Boat in R.I.
Schloss Wolfenbüttel, former residence of the Dukes of the House of Braunschweig-Lüneburg

This year’s study tour brought 27 IEP and IBP students to Northern Germany. Sigrid Berka, along with German Professors Doris Kirchner and Kathrin Köhler, led the group through Hamburg, Braunschweig, and Berlin. Highlights included a tour of Lufthansa Technik, where Lufthansa overhauls the major international airline fleets; the impressive Hamburg container terminal and the close-by DB marshalling yard, the Phaeno Science Museum in Wolfsburg, and the Reichstag and Brandenburger Tor in Berlin.

The students also enjoyed interacting with their German counterparts and URI graduate students at TU Braunschweig, where they toured the fascinating Institute for Microtechnology. They were equally happy to collaborate with young DBers during a case study workshop organized by Deutsche Bahn in Berlin. It concluded with a festive dinner on the top floor of DB Tower at Potsdamer Platz overlooking this gigantic city.

The Study Tour was generously supported by funding from the Van Meeteren Foundation and an additional grant from the DAAD. It is a great way of introducing GIEP students to Germany as a site of history, technology, and art and to keep up their enthusiasm about going the extra mile in their dual degree program. They are now eager and confident to begin their one year stay abroad soon.