THE UNIVERSITY OF RHODE ISLAND INTERNATIONAL ENGINEERING PROGRAM

Facts & Figures 2012-13
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International Engineering Program
Advisory Board Members 2013

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Nicole Bonvouloir (FIEP ‘13)
James Brooks (GIEP ‘16)
## Enrollment Figures 2012-13

### Total Students Serviced by IEP

<table>
<thead>
<tr>
<th>Breakdown by Major*</th>
<th>% of IEP</th>
<th>Percentage of Total IEP-Serviced Students:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEP (Declared EGR)</td>
<td>262**</td>
<td>82% IEP (Engineering students)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>287 90%</td>
</tr>
<tr>
<td>IEP (Wanting Engineering)</td>
<td>25</td>
<td>8%</td>
</tr>
<tr>
<td>IBP (International Business Program)</td>
<td>17</td>
<td>5% Business/Other***</td>
</tr>
<tr>
<td>Other</td>
<td>10</td>
<td>3%</td>
</tr>
<tr>
<td>Graduate (Dual Degree Masters)</td>
<td>4</td>
<td>1% Graduate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 1%</td>
</tr>
</tbody>
</table>

*Due to double majors and rounding, percentages may not equal 100.
**Includes one CIEP Chinese minor.
***Includes International Business students and other majors who were or will be placed in internships abroad by IEP directors.

### IEP/College of Engineering Enrollment

<table>
<thead>
<tr>
<th>IEP/College of Engineering Enrollment</th>
<th>IEP #</th>
<th>% of IEP</th>
<th>URI College of Engineering Undergraduates</th>
<th>% of COE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Declared EGR Undergraduates</td>
<td>262</td>
<td></td>
<td>1198***</td>
<td>22%</td>
</tr>
<tr>
<td>• Female</td>
<td>58</td>
<td>22%</td>
<td>187</td>
<td>16%</td>
</tr>
<tr>
<td>• Male</td>
<td>204</td>
<td>78%</td>
<td>1011</td>
<td>84%</td>
</tr>
<tr>
<td>• Rhode Islanders</td>
<td>169</td>
<td>65%</td>
<td>742</td>
<td>62%</td>
</tr>
<tr>
<td>• Out of State (including International)</td>
<td>93</td>
<td>35%</td>
<td>456</td>
<td>38%</td>
</tr>
<tr>
<td>• Centennial Scholars</td>
<td>126</td>
<td>48%</td>
<td>408</td>
<td>34%</td>
</tr>
</tbody>
</table>

### By Engineering Discipline

<table>
<thead>
<tr>
<th>By Engineering Discipline</th>
<th>IEP #</th>
<th>% of IEP</th>
<th>Total # of Majors</th>
<th>% of COE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Biomedical</td>
<td>34</td>
<td>13%</td>
<td>142</td>
<td>12%</td>
</tr>
<tr>
<td>• Chemical</td>
<td>47</td>
<td>18%</td>
<td>125</td>
<td>10%</td>
</tr>
<tr>
<td>• Civil</td>
<td>26</td>
<td>10%</td>
<td>199</td>
<td>17%</td>
</tr>
<tr>
<td>• Computer</td>
<td>18</td>
<td>7%</td>
<td>73</td>
<td>6%</td>
</tr>
<tr>
<td>• Electrical</td>
<td>20</td>
<td>8%</td>
<td>126</td>
<td>11%</td>
</tr>
<tr>
<td>• Industrial &amp; Systems</td>
<td>3</td>
<td>1%</td>
<td>39</td>
<td>3%</td>
</tr>
<tr>
<td>• Mechanical</td>
<td>86</td>
<td>33%</td>
<td>328</td>
<td>27%</td>
</tr>
<tr>
<td>• Ocean</td>
<td>22</td>
<td>8%</td>
<td>133</td>
<td>11%</td>
</tr>
<tr>
<td>• Undeclared B.S. in Engineering</td>
<td>7</td>
<td>3%</td>
<td>25</td>
<td>2%</td>
</tr>
</tbody>
</table>

***COE numbers do not include Wanting Engineering designation or other majors.
# 2012-13 Enrollment Figures By Language Track

## Total # of Students Serviced by IEP

<table>
<thead>
<tr>
<th></th>
<th>German IEP</th>
<th>Spanish IEP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>151</td>
<td>98</td>
</tr>
<tr>
<td>IEP Undergrads in COE (Declared EGR)</td>
<td>127*</td>
<td>79**</td>
</tr>
<tr>
<td></td>
<td>84%</td>
<td>81%</td>
</tr>
<tr>
<td>IEP Undergrads Wanting Engineering</td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>5%</td>
<td>14%</td>
</tr>
<tr>
<td>IBP (International Business Program)/Other</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>9%</td>
<td>5%</td>
</tr>
<tr>
<td>Graduate (Dual Degree Masters)</td>
<td>4</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td>3%</td>
<td>--</td>
</tr>
</tbody>
</table>

*includes 1 GIEP/FIEP dual major and 1 GIEP/SIEP dual major

**includes 1 SIEP/GIEP dual major

## IEP Undergrads in COE (Declared EGR)

<table>
<thead>
<tr>
<th></th>
<th>IEP #</th>
<th>% of IEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>17</td>
<td>13%</td>
</tr>
<tr>
<td>Male</td>
<td>110</td>
<td>87%</td>
</tr>
<tr>
<td>Rhode Islanders</td>
<td>83</td>
<td>65%</td>
</tr>
<tr>
<td>Out of State (including International)</td>
<td>44</td>
<td>35%</td>
</tr>
</tbody>
</table>

## By Engineering Discipline

<table>
<thead>
<tr>
<th></th>
<th>IEP #</th>
<th>% of IEP</th>
<th>IEP #</th>
<th>% of IEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical</td>
<td>14</td>
<td>11%</td>
<td>11</td>
<td>14%</td>
</tr>
<tr>
<td>Chemical</td>
<td>18</td>
<td>14%</td>
<td>13</td>
<td>16%</td>
</tr>
<tr>
<td>Civil</td>
<td>11</td>
<td>9%</td>
<td>15</td>
<td>19%</td>
</tr>
<tr>
<td>Computer</td>
<td>9</td>
<td>7%</td>
<td>4</td>
<td>5%</td>
</tr>
<tr>
<td>Electrical</td>
<td>9</td>
<td>7%</td>
<td>9</td>
<td>11%</td>
</tr>
<tr>
<td>Industrial &amp; Systems</td>
<td>3</td>
<td>2%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>55</td>
<td>43%</td>
<td>17</td>
<td>22%</td>
</tr>
<tr>
<td>Ocean</td>
<td>4</td>
<td>3%</td>
<td>9</td>
<td>11%</td>
</tr>
<tr>
<td>Undeclared B.S. in Engineering</td>
<td>4</td>
<td>3%</td>
<td>1</td>
<td>1%</td>
</tr>
</tbody>
</table>
## 2012-13 Enrollment Figures By Language Track

**By Language Track**

<table>
<thead>
<tr>
<th><strong>Total # of Students Serviced by IEP</strong></th>
<th><strong>French IEP</strong></th>
<th><strong>Chinese IEP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>• IEP Undergrads in COE (Declared EGR)</strong></td>
<td>34* 94%</td>
<td>24 69%</td>
</tr>
<tr>
<td><strong>• IEP Undergrads Wanting Engineering</strong></td>
<td>2 6%</td>
<td>2 6%</td>
</tr>
<tr>
<td><strong>• IBP (International Business Program)/Other</strong></td>
<td>0 0%</td>
<td>9 26%</td>
</tr>
<tr>
<td><strong>• Graduate (Dual Degree Masters)</strong></td>
<td>-- --%</td>
<td>-- --%</td>
</tr>
</tbody>
</table>

*includes 1 GIEP/FIEP dual major

<table>
<thead>
<tr>
<th><strong>IEP Undergrads in COE (Declared EGR)</strong></th>
<th><strong>French IEP</strong></th>
<th><strong>Chinese IEP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>• Female</strong></td>
<td>16 47%</td>
<td>5 21%</td>
</tr>
<tr>
<td><strong>• Male</strong></td>
<td>18 53%</td>
<td>19 79%</td>
</tr>
<tr>
<td><strong>• Rhode Islanders</strong></td>
<td>20 59%</td>
<td>18 75%</td>
</tr>
<tr>
<td><strong>• Out of State (including International)</strong></td>
<td>14 41%</td>
<td>6 25%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>By Engineering Discipline</strong></th>
<th><strong>French IEP</strong></th>
<th><strong>Chinese IEP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>• Biomedical</strong></td>
<td>7 21%</td>
<td>3 13%</td>
</tr>
<tr>
<td><strong>• Chemical</strong></td>
<td>9 26%</td>
<td>7 29%</td>
</tr>
<tr>
<td><strong>• Civil</strong></td>
<td>0 0%</td>
<td>0 0%</td>
</tr>
<tr>
<td><strong>• Computer</strong></td>
<td>2 6%</td>
<td>3 13%</td>
</tr>
<tr>
<td><strong>• Electrical</strong></td>
<td>1 3%</td>
<td>2 8%</td>
</tr>
<tr>
<td><strong>• Industrial &amp; Systems</strong></td>
<td>0 0%</td>
<td>0 0%</td>
</tr>
<tr>
<td><strong>• Mechanical</strong></td>
<td>7 21%</td>
<td>7 29%</td>
</tr>
<tr>
<td><strong>• Ocean</strong></td>
<td>6 18%</td>
<td>2 8%</td>
</tr>
<tr>
<td><strong>• Undeclared B.S. in Engineering</strong></td>
<td>2 6%</td>
<td>0 0%</td>
</tr>
</tbody>
</table>
Enrollment Figures
A Closer Look

German IEP Distribution % by Majors 2012-13

- Biomedical: 10%
- Chemical: 12%
- Civil: 7%
- Computer: 6%
- Electrical: 6%
- Industrial: 2%
- Mechanical: 37%
- Ocean: 3%
- Undeclared: 3%
- Wanting Engineering: 5%
- Other: 9%

Spanish IEP Distribution % by Majors 2012-13

- Biomedical: 11%
- Chemical: 13%
- Civil: 16%
- Computer: 4%
- Electrical: 9%
- Mechanical: 18%
- Ocean: 9%
- Undeclared: 1%
- Wanting Engineering: 14%
- Other: 5%

*Due to double majors, the IEP by Major percentages do not equal 100.
Enrollment Figures
A Closer Look

French IEP Distribution % by Majors 2012-13

- Biomedical: 19%
- Chemical: 25%
- Mechanical: 19%
- Ocean: 17%
- Electrical: 3%
- Other: 26%
- Wanting Engineering: 6%
- Undeclared: 6%

Chinese IEP Distribution % by Majors 2012-13

- Biomedical: 8%
- Chemical: 20%
- Mechanical: 20%
- Ocean: 6%
- Electrical: 6%
- Other: 26%
- Wanting Engineering: 6%
Enrollment Figures
A Closer Look

IEP Enrollment over the Past 10 Years

<table>
<thead>
<tr>
<th></th>
<th>'03-'04</th>
<th>'04-'05</th>
<th>'05-'06</th>
<th>'06-'07</th>
<th>'07-'08</th>
<th>'08-'09</th>
<th>'09-'10</th>
<th>'10-'11</th>
<th>'11-'12</th>
<th>'12-'13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>178</td>
<td>187</td>
<td>194</td>
<td>210</td>
<td>222</td>
<td>253</td>
<td>254</td>
<td>278</td>
<td>300</td>
<td>318</td>
</tr>
<tr>
<td>German</td>
<td>113</td>
<td>118</td>
<td>121</td>
<td>122</td>
<td>128</td>
<td>133</td>
<td>126</td>
<td>121</td>
<td>135</td>
<td>151</td>
</tr>
<tr>
<td>Spanish</td>
<td>42</td>
<td>45</td>
<td>42</td>
<td>52</td>
<td>52</td>
<td>63</td>
<td>69</td>
<td>94</td>
<td>101</td>
<td>98</td>
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<tr>
<td>French</td>
<td>27</td>
<td>27</td>
<td>33</td>
<td>28</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>33</td>
<td>37</td>
<td>36</td>
</tr>
<tr>
<td>Chinese</td>
<td>0</td>
<td>14</td>
<td>20</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>28</td>
<td>35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

As a result of the occasional double major in language, the sum of the language tallies may exceed the overall number for a given school year.
2013 Internships

For the 2013 calendar year, 26 international internship placements were made by the IEP directors. The following list shows where students completed these internships.

### France
1. Kayla Belanger    Rhodia     Saint Fons
2. Christian Faria   Schneider Electric    Montpellier
3. Michael Gardner   Université de Pau à Anglet  Anglet
4. Ben Jacques       Enercap     Lyon
5. Zackary Lorusso   LMS Imagine    Lyon
6. Edward Thomas     UTC Laboratoires  Compiègne

### Germany
1. Lauren Boltz      Emitec     Eisenach
2. Whitney Clark     OsramOptoSemiconductors  Regensburg
3. Nicholas Del Greco  Deutsche Bahn  Berlin
4. Andre Hofman      ZF      Schweinfurt
5. Christina Liese   Siemens     München
6. William Machado   Iav      Gifhorn
7. Jonathan Morasutti Tenet Offshore  Lehrte
8. David Powers      Deutsche Bahn  Kassel
9. Emily Serman      Zueblin     Stuttgart
10. Andrew Sharkey   Experimentierstation Obstbau  Schlachters
11. Daniel Spader    Hexagon Metrology  Wetzlar
12. Farid Topchiev   Bayer      Leverkusen
13. Aaron Zarenski   Bosch      Stuttgart
14. Kareem Hartl*    UniCredit (Hypovereinsbank)  München

### Spain
1. John Adley    SAMTACK     Barcelona
2. Maria Briones  CEIT      San Sebastian
3. Brad Clark    Abengoa     Sevilla
4. Jessica Damicis Lur Geroa   Irurtzun
5. Richard Higginbotham Grupo de investigación del área de Ingeniería de la Construcción at the Univ of Zaragoza  Zaragoza
6. Alec Kaija    3P Biopharmaceuticals  Noáin

* International Business student placed by IEP director
Internship Placements

International Internship Placements 1990-2013

- **German**: 12, 9, 8, 6, 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, 442, 468

IEP Annual Report Page: 10
Internship Partners 1990-2013
International and Domestic

3P Biopharmaceuticals (Noain)
**Abengoa (Sevilla)**
Aerodata (Braunschweig)
Agfa (Leverkusen, Gera)
Air Liquide (Jouy-en Josas-Cedex)
Air Nostrum (Valencia)
Apia XXI (Santander)
Applied Materials (Alzenau)
Astilleros de Santander A.S (Astander)
Aviso (Gera)
Axiva (Frankfurt)
B&J Adaptaciones (Barcelona)
BASF (Ludwigshafen)
Bayer (Leverkusen)
Bayer Technology Services (Shanghai)
Beiersdorf AG (Hamburg)
Benteler (Paderborn)
Blaupunkt GmbH (Hildesheim, Germany)
BMW (Munich, New Jersey, South Carolina)
Böhringer Ingelheim Microparts (Dortmund)
Bruker Biospin (Wiessembeureg)
CEIT (San Sebastián)
Communication Technologies Research Group (Zaragoza)
Continental AG (Regensburg)
DaimlerChrysler (Stuttgart, NJ, MI)
Deutsche Bahn (Munich, Berlin, Minden, Kassel)
Draeger Medical (Lübeck)
**ENERCAP (Lyon, France)**
Emitec (Lohmar)
Ewag GmbH (Solothurn)
**Experimentierstation Obstbau (Schlachters)**
Fatronik (San Sebastián)
Gamesa S.A (Bilbao)
General Motors (Zaragoza)
Geocéan (Marseille)
GKN Driveline (Zumaia)
Grupo de Ingeniería Oceanográfica y de Costas (Zaragoza)
Universidad de Cantabria (Santander)
GTM Batiment
Hasbro (Hong Kong & Shenzhen)
Hexagon (Quingdao, Wetzlar)
HengTian (Hangzhou)
Hilti (Germany, Liechtenstein, Spain)
Hochtief (Essen, Hamburg)
Hutchinson (Auxy)
IAV (Gifhorn)
IAVF Antriebstechnik AG (Karlsruhe)
Ibaia Energía (Beasain, Ibarra)
IDOM (Bilbao, Zaragoza)
Infineon AG (Munich)

**Infremer (LaRochelle)**
Instituto de Hidráulica Ambiental (Cantabria)
Johnson & Johnson (NJ, São Paulo)
King Marine (Valencia)
Kolbenschmidt Pierburg (Neckarsulm, Abadiano)
Kraft Foods (Munich)
KS Fototechnik (Wuppertal)
Leica Camera (Solms)
Lemförder AG (Spain, Germany, South Carolina)
Lufthansa Technik AG (Hamburg)
**Lur Geroa (Irurtzun)**
LMS Imagine (a Siemens business) (Lyon)
MTU (Hanover, Munich)
Osram Opto Semiconductors (Regensburg)
Pentair Electronic Packaging (Quingdao)
PolyIC (Fürth)
Praxair (Spain)
Preusse Baubetriebe GmbH (Hamburg)
Price Waterhouse (Frankfurt)
Renault (Guyancourt)
Rhodia (Clamecy, Lyon)
Robert Bosch GmbH (Stuttgart)
Robotiker (Zamudio)
Rhodia (Paris)
Saint-Gobain (Cavaillon, Avignon, Germany, MA)
Salzgitter AG (Salzgitter)
**SMTACK (Barcelona)**
SAP (Karlsruhe, Montreal)
**Schneider Electric (Montpellier, France)**
Schroff GmbH (Straubenthal)
Sensata Technologies (Aguascalientes, Changzhou)
Siemens (Munich, Erlangen, Madrid)
State Key Laboratory for Chemical Engineering (Hangzhou)
Supfin (Rhode Island, Schapbach)
STMicroelectronics (Grenoble)
Tecnalia (Derio, San Sebastian)
**Tennet Offshore (Lehrte)**
Texas Instruments (Aguascalientes)
Thermochemical Processes Research Group (Zaragoza)
Toray Plastics (Lyon)
Total (Paris, Pau)
TRW
**UniCredit (Hypovereinsbank) (München)**
VAM/Becker Bau (Kiel)
VDO Automotive AG (Villingen)
Volkswagen (Wolfsburg)
Vorwerk & Co. (Wuppertal)
ZF (Germany, Spain, France, USA, Mexico, China)
Züblin AG (Stuttgart)

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

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<tr>
<td><strong>Total</strong></td>
<td><strong>310</strong></td>
<td><strong>254</strong></td>
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**Total # of Students Exchanged = 564**

*Includes 2 dual-degree masters students (Does not include short-term visitors.)
## Exchanges
### French IEP

### Université de Technologie de Compiègne

<table>
<thead>
<tr>
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<td>TOTAL</td>
<td><strong>33</strong></td>
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*Includes other majors*
# Exchanges

## Spanish IEP

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<td>-</td>
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<tr>
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</tr>
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<tr>
<td><strong>TOTAL # of Students Exchanged</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Universidad de Zaragoza (Spain)</th>
<th>Tec de Monterrey (Mexico)</th>
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<tbody>
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<td><strong>URI to UZ</strong></td>
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<tr>
<td><strong>TOTAL # of Students Exchanged</strong></td>
<td><strong>23</strong></td>
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# Exchanges

## Chinese IEP

Zhejiang University  
(Hangzhou, China)

<table>
<thead>
<tr>
<th></th>
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<tbody>
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<tr>
<td>TOTAL</td>
<td>18</td>
<td>19</td>
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</table>

*Includes other majors
Program Highlights

2012-2013 Academic Year

Based on the recommendation of The Language Flagship review committee in spring 2012, in order to meet Flagship proficiency standards, the URI Chinese Language Flagship Program has begun transitioning all 100- to 300-level Flagship courses from three contact hours per week to five and plans to complete this transition by the end of the 2014-2015 academic year. In order to do so, we have devised a strategic plan to overcome a number of structural hurdles including the three-credit course standard, faculty workload limits, and scheduling issues. We piloted the five-day model during the spring 2013 semester with our 2012 Cohort. The course (CHN 112) was co-taught and included three days of lecture and two days of drills.

Beginning in fall 2013, we will begin offering all new intensive Flagship Chinese courses through the University Honors Program, which will allow students to complete both programs simultaneously. This change will fundamentally alter the teaching quality of the URI Flagship program and will ultimately attract more motivated students.

In terms of IEP student enrollment, we have seen an increase over the past three years:

<table>
<thead>
<tr>
<th>IEP Chinese Flagship Scholars by Cohort (year entered)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009 Cohort: Electrical Engineering</td>
<td>1</td>
</tr>
<tr>
<td>2010 Cohort: Mechanical Engineering</td>
<td>1</td>
</tr>
<tr>
<td>2011 Cohort: Chemical and Ocean Engineering</td>
<td>2</td>
</tr>
<tr>
<td>2012 Cohort: Biomedical, Chemical, Civil, Mechanical Engineering</td>
<td>4</td>
</tr>
</tbody>
</table>

Awards

IEP Chinese Flagship Scholar Alyssa Zisk was awarded the Wroe Family Scholarship this year. Alyssa is pursuing a B.S. in Mechanical Engineering, an M.S. in Mathematics, and a B.A. Chinese. She will complete the Flagship Capstone Year in China in 2013-14, including a semester of direct-enrollment at Tianjin Normal University and a professional internship.

Four IEP Chinese Flagship Scholars were awarded Hasbro Scholarships for their studies at the Flagship Chinese Institute at Indiana University during the summer of 2013:

- Jimmy Chan, Chemical Engineering & Chinese
- Rachel McAteer, Biomedical Engineering & Chinese
- Minh Pham, Civil Engineering & Chinese
- Pedro Raposo, Mechanical Engineering & Chinese
Graduates
December 2012 - August 2013

German (11)
Nicholas Beretta
Johnathan Farnsworth
Brendan Grealish
Andre Hofmann
Neil McCaffrey
Andrew Moakes
Julia Roder-Hanna
Andrew Ruggeri
Donna Salamey
Stephen Suvajian
Sean Taylor

French (2)
Nicole Bonvouloir
Daniel Miller

Spanish (8)
Joshua Borcuk
Kelly Cesare
Bryce Connors
Luis Gonzalez
Ashley Gracia
Matthew Perkins
Lauren Schambach
Andrew Walker

Chinese (3)
Christopher Andraka
Ruben Auer (minor in Chinese)
Alissa McKechnie

IEP Graduates through 2012: 394
German: 296
French: 36
Spanish: 55
Chinese: 7

Other graduates serviced by the IEP in 2012
German (2)
Daniel Belbey, IBP
Jonathan Schultz, IBP
Spanish (1)
Beatrice Pratt, Microbiology & Spanish
Chinese (2)
Elena Dempsey, IBP
Patrick Slavin, IBP
Heidi Kirk Duffy Center Facts and Figures
IEP and TI Houses

IEP Enrollment by Language

- Chinese 19%
- German 27%
- Spanish 15%
- French 4%
- Exchange 18%
- Other 17%

“Other” category includes Engineering majors, International Business Program, and Language majors/minors.

Cost Comparison of Living at the Heidi Kirk Duffy Center 2012-2013

Room & Board Fees (based on a 15 meal/week meal plan)

<table>
<thead>
<tr>
<th>IEP &amp; TI House</th>
<th>Women’s Center</th>
<th>Engineering LLC</th>
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</thead>
<tbody>
<tr>
<td>single</td>
<td>$5,500</td>
<td>$5,700</td>
</tr>
<tr>
<td>double</td>
<td>$5,200</td>
<td>$5,200</td>
</tr>
</tbody>
</table>

Note: The Engineering Living/Learning Community is a part of Housing and Residential Life at the University. The cost to live there includes a meal plan with unlimited visits to the dining hall.
Cumulative Honor Roll
(as of April 15, 2013)

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 Inc.
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 Giraititis
Michael Byrnes
Laurie Burger
Hubertus Christ
Dissemination

Publications


Berka, Sigrid, and Damon Rarick, eds. Online Journal for Global Engineering Education.


Dissemination

Presentations

**Berka, Sigrid**, was an invited speaker on a panel: “How Are Internationalization Efforts Different Across the Disciplines?” at the NAFSA Colloquium on Internationalizing the STEM Fields “Creating Global Ready Graduates: How Does Internationalization of STEM Fields Help to Achieve this Goal,” 65th Annual Conference & Expo in St. Louis, Missouri, May 30, 2013.


Keynote speaker on “Engineering Education with an International Dimension: Preparing Students for the Global Workplace,” March 20, 2013 Louisiana State University, Baton Rouge, LA.


Moderator of plenary session on “Developing A Campus Portfolio of Varied Opportunities for International Engagement” at the 15th Annual Colloquium on International Engineering Education, Nov. 1-3, 2012 in Newport, RI.


**Byrnes, Michael**, moderated and co-organized (with Erin Papa and Sigrid Berka) the panel on “Building Successful Public–Private Partnerships for International Engineering Education—Towards a Multilingual Workforce,” featuring board members Angus Taylor and Laurie Burger as speakers as well as Wenchao He, Robert Slater and Kirsten Brecht at the 15th Annual Colloquium on International Engineering Education, Nov. 1-3, 2012 in Newport, RI.

Michael also moderated “The RI Language Roadmap towards Excellence Business Incubator Meeting,” convened at Hexagon Metrology, North Kingstown, RI on April 18, 2013.

**Echevarría, Megan**, “Strategies for Engaging Heritage Learners: Ownership and Autonomy” ACTFL Annual Convention and Work Languages Expo (Nov 2012) - 1-hour-long workshop prepared and presented with Ignacio Pérez Ibáñez

Moderator of the workshop “Languages for the Professions, Languages Across the Curriculum,” at the 15th Annual Colloquium on International Engineering Education, Nov. 1-3, 2012 in Newport, RI.
Dissemination

Presentations (continued)


**Hedderich, Norbert**, “Languages-for-Specific-Purposes Courses in German Immersion Programs: The URI German Summer School,” **Annual Meeting of the American Association of Teachers of German**, Philadelphia, PA (Nov. 2012).


**Rarick, Damon**, led a teacher training workshop for German teachers, sponsored by the **German Academic Exchange Service**, at the Goethe Institute Boston, October 19-21, 2012 in Boston.

**Rarick, Damon and Griffin, Katrina**, “Connecting German to STEM” (accepted) at ACTFL annual conference, Nov 15-18, Philadelphia.

**Rarick, Damon**, “Teaching German for Engineers at the University of Rhode Island”, **15th Annual Colloquium on International Engineering Education**, Nov. 1-3, 2013 Newport, RI.
Presentations (continued)


He also presented the IEP to the Rhode Island Society of Professional Engineers (A state society of the National Society of Professional Engineers) in Cranston, RI, and on 12/2012 at Ocean University of China in Quingdao, and at Huazhong University of Science & Technology (HUST) in Wuhan.

**Cui, Jianxin; Xiong, Wen & Ma, Rui** (2013) presented “Vocabulary Teaching and Learning: From the Beginning Level to the Advanced Level”, at the 2013 *National Chinese Language Conference*, April 7-9, Boston.


**Xiong (2012)**, “The Syntactic Acquisition of the Chinese Modal Auxiliaries”, at *The Second International Conference on Chinese as a Second Language*, August 17-19, National Taiwan Normal University, Taiwan.


“Selecting the Best Chinese Textbooks for Your Program”, at the *Chinese Teacher Training Workshop*, Confucius Institute, Aug. 24-26, 2012.
Student Awards and Honors

Judith A. and Robert C. Ayotte  
**French IEP Award**  
Michaela Connell ’17 FIEP  
Jonathan Young ’15 FIEP

**DAAD Graduate Scholarship**  
Brendan Grealish ’13 GIEP  
Julia Roder-Hanna ’13 GIEP

**DAAD Undergraduate Scholarship**  
Eli Lamothe ’15 GIEP

**Beatrice S. Demers Foreign Language Fellowship**  
Jonathan Aguire ’15 GIEP  
Dana Demers ’15 SIEP  
Kevin Drumm ’15 SIEP  
Amandine Gatali ’15 SIEP  
Eli Lamothe ’15 GIEP  
Jessica Magill ’15 CIBP  
Anthony Ragusa ’14 GIEP  
Michael Smith ’15 SIEP  
Preston Steele ’15 SIEP  
Joseph Willer ’15 SIEP  
Sarah Wood ’15 CIEP  
Nicholas Zonfrillo ’15 GIEP

**Otto Dornberg Award**  
Thomas Cottam ’15 GIEP  
Steven Dupre ’16 GIEP  
Eli Lamothe ’15 GIEP

**French IEP Excellence Award & Excellence in French Studies Award**  
Nicole Bonvouloir ’13 FIEP

**Fulbright Scholarship Award**  
Daniel Belbey ’13 GiBP

**John M. Grandin IEP Scholarship**  
Kevin Drumm ’15 SIEP

**Shawn P. McBride Memorial IEP Scholarship**  
Mitchell Beck ’15 GIEP  
John Heaslip ’15 GIEP

**DAAD (SIP) Study and Internships Program Scholarship**  
Sarah Watson ’15 GIBP

**University Academic Excellence in German**  
Brendan Grealish ’13 GIEP

**William and Pauline Silvia IEP Scholarship**  
Juan Villa ’16 SIEP

**University Academic Excellence in Hispanic Studies**  
Bryce Connors ’14 SIEP

**Sharon Wallace Memorial Scholarship**  
Emily Serman ’14 GIEP

**Barbara Woods Memorial German Studies Award**  
James Brooks ’16 GIEP  
Ian Calise ’16 GIEP  
Max Gutierrez ’16 GIEP  
Daniel Kaehler ’15 GIEP

**Frank L. Woods Memorial Scholarship**  
Paul Kintz ’16 GIEP  
Kyle MacKenzie ’15 GIEP  
Ian Mace ’16 GIEP  
Jacob Ohrnberger ’16 GIEP  
Nicholas Zonfrillo ’15 GIEP

**Wroe Family Chinese IEP Scholarship**  
Alyssa Zisk ’15 CIEP
IEP Achievement, Awards, and Events

**Sigrid Berka** was awarded a grant from the Max Kade Foundation as well as a grant from the Provost’s Office to bring in Friedrich Löhr as Distinguished Max Kade Visitor and Distinguished International Visitor to the URI campus for the Spring Semester 2013. Mr. Löhr taught an honors course on “European Crisis and Integration,” and gave a public lecture on North Korea, and participated on a panel “Is Europe Back?”

**Dean Winifred Brownell’s** College of Arts & Sciences successfully competed for the Provost’s Cluster initiative, for a cluster in Islamic & Mediterranean Studies. The three cluster hires, Alexander Magidow (Arabic Language & Literature), Katrin Jomaa (Political Science; who holds two engineering degrees), and Alan Verskin (History), along with another hire in French, Leslie Kealhofer, an expert in the Francophone World in North Africa, will be instrumental in developing an Arabic IEP in coordination with the IEP director.

The Rhode Island Foundation awarded thirteen Beatrice S. Demers Foreign Language Fellowships (ranging from $8K to $14K); eleven of the awardees were IEP students (6 Spanish IEP, 4 German IEP, 1 Chinese IEP), one is a Chinese Flagship and French major, and one a Chinese Business student.

**Dean Raymond Wright** drafted an MOU with Huazhong University of Science & Technology (HUST); and a new MOA with Zhejiang University in Ocean Engineering was submitted to Zhejiang University (MOA was discussed and a draft completed: final version was completed in Spring 2013 and signed and submitted back to ZJU). The MOA extends the current MOU with ZJU to specifically address the exchange of faculty and students in the OCE program.

**Erin Papa** co-organized with Sigrid Berka, “The RI Language Roadmap towards Excellence Business Incubator Meeting” held at Hexagon Metrology, North Kingstown, RI on April 18, 2013. For leaders in government, education, and globally-operating businesses in the state. The meeting included a presentation by Gregg Roberts, an expert on dual language programs from the Utah State Office of Education, who spoke about their Roadmap and how it has led to implementation of 77 such programs in public schools in Utah and the prospect of significant economic development due to this important initiative.

**Sigrid Berka** organized a lecture by URI Distinguished International Visiting Scholar and Distinguished Max Kade Visitor Friedrich Löhr, who spoke on “The Father, The Son, and the Sacred System: Making Sense of North Korea” on April 3, 2013 at the University of Rhode Island; Sigrid also arranged a panel discussion “Is Europe Back? From Crisis Region to Transatlantic Free Trade Area” on April 17, 2013 at the University of Rhode Island. Panelists included Ric McIntyre, Professor of Economics; Friedrich Löhr, Retired Consul General of Germany in Boston; Fabien Fieschi, Consul General of France, Gordon Dash, Professor of Business Administration; Silvia Dorado, Associate Professor of Entrepreneurial Management; Mike Honhart, Professor of History and addressed a range of topics, including: The Argument Against Austerity and The Development of Movements for an Alternative Europe, Germany in the New E.U., Europe from the French Perspective, European Bond Volatility, Corporate Social Responsibility in the Age of Multinationals, and National and European Identity.

**Lars Erickson** organized the lecture “Boulet’s French Graphic Novels: Improvising the bande dessinée,” on April 9, 2013 at the University of Rhode Island. Boulet (pen name of Gilles Roussel) is an acclaimed French graphic novelist (comic book writer) whose fame comes mostly from his online comics blog. He incorporates science, technology, and the humor of everyday situations into his work.
Overview

This year, the IEP and Chinese Language Flagship Program teamed up to combine outreach efforts. Working together to promote both programs, IEP Coordinator Heather Price and Flagship Coordinator Erin Papa developed a comprehensive outreach plan for the year, focusing on three areas: Off-Campus Recruitment, On-Campus Recruitment, and Communications/Media. They collaborated on scheduling and traveling for high school visits, training Student Ambassadors, improving promotional materials, and expanding methods for communication with current students and alumni.

The IEP employed four graduating seniors (and one junior in the fall) as Student Ambassadors to represent the four language programs alongside IEP directors and staff at URI on-campus events, including: EGR 105 and language class visits, Study Abroad Fair, Majors and Minors Fair, Open House Days, Welcome Days for Accepted Students, and IEP Night at the Engineering Living/Learning Community. In the spring, Heather Price and Erin Papa conducted workshops training IEP and Flagship Student Ambassadors to coordinate, plan, and carry out their own high school visits in order to promote both programs simultaneously.

In May, John Peterson, the College of Engineering’s Director of Marketing and Communications, conducted on-camera interviews with graduating seniors from the four language programs, and began work on a new IEP promotional video.

Prospective Student Outreach

Prospective Student Visits:
During the 2012-13 academic year, the IEP hosted prospective students from Ohio, Kansas, Colorado, Utah, New York, New Jersey, Pennsylvania, Maryland, Virginia, New Hampshire, Connecticut, Massachusetts, and Rhode Island. Heather Price coordinated 28 personalized visits (22 out-of-state students, 6 RI students), which typically included a full day of campus tours, General Admission/College of Engineering info sessions, engineering and language class visits, meetings with IEP directors and staff, and lunch with current students in the TI House dining room.

Electronic/Mail Campaign:
The IEP conducted an extensive outreach mail campaign in the spring, sending hard copy and electronic letters to approx. 1,100 accepted engineering students who met merit-based scholarship requirements. In addition, the Chinese Language Flagship Program mailed letters referencing the IEP to all accepted students meeting Honors criteria. In March, Sigrid Berka and Lars Erickson promoted the IEP by participating in the Office of Admission’s Faculty-to-Parent chats in Engineering and Languages, respectively.

School Visits and College Fairs:
IEP directors, staff, students, and alumni visited 22 schools this academic year promoting the IEP and partner programs to students in Rhode Island, Massachusetts, Vermont, Connecticut, New Hampshire, Pennsylvania, and New York. Visits targeted foreign language and high-level math and science students in New England states, in particular emphasizing the list of majors eligible for New England Regional Tuition discounts in those states and the Dec. 1 Early Action deadline for Merit-Based Scholarships.
## School Visits and College Fairs Completed:

<table>
<thead>
<tr>
<th>School Name</th>
<th>City, State</th>
<th>Contact(s)</th>
</tr>
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<tbody>
<tr>
<td>International School of Boston</td>
<td>Cambridge, MA</td>
<td>Lars Erickson</td>
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<tr>
<td>Brattleboro Union High School</td>
<td>Brattleboro, VT</td>
<td>Heather Price, Erin Papa</td>
</tr>
<tr>
<td>Burlington High School</td>
<td>Burlington, VT</td>
<td>Heather Price, Erin Papa</td>
</tr>
<tr>
<td>Stowe Junior Senior High School</td>
<td>Stowe, VT</td>
<td>Heather Price, Erin Papa</td>
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<tr>
<td>Saint Johnsbury Academy</td>
<td>Saint Johnsbury, VT</td>
<td>Heather Price, Erin Papa</td>
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<tr>
<td>Smithfield High School</td>
<td>Smithfield, RI</td>
<td>Lars Erickson, Heather Price, IEP Student Ambassador</td>
</tr>
<tr>
<td>Brien McMahon High School</td>
<td>Norwalk, CT</td>
<td>Erin Papa</td>
</tr>
<tr>
<td>Academy of Information Technology and Engineering (AITE)</td>
<td>Stamford, CT</td>
<td>Sigrid Berka</td>
</tr>
<tr>
<td>Germantown Friends School</td>
<td>Philadelphia, PA</td>
<td>Sigrid Berka</td>
</tr>
<tr>
<td>Bedford High School</td>
<td>Bedford, NH</td>
<td>Heather Price, Flagship Student Ambassadors</td>
</tr>
<tr>
<td>John Stark Regional High School</td>
<td>Weare, NH</td>
<td>Heather Price, Flagship Student Ambassadors</td>
</tr>
<tr>
<td>Pinkerton Academy</td>
<td>Derry, NH</td>
<td>Heather Price, Flagship Student Ambassadors</td>
</tr>
<tr>
<td>Norton High School</td>
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<td>IEP Student Ambassadors</td>
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<td>East Providence High School</td>
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<td>IEP Alum</td>
</tr>
<tr>
<td>Barrington High School</td>
<td>Barrington, RI</td>
<td>Flagship Ambassadors</td>
</tr>
<tr>
<td>Narragansett High School Career Fair</td>
<td>Narragansett, RI</td>
<td>IEP Alum</td>
</tr>
<tr>
<td>Pentucket Regional High School</td>
<td>West Newbury, MA</td>
<td>IEP Alum</td>
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<tr>
<td>Newburyport High School</td>
<td>Newburyport, MA</td>
<td>IEP Alum</td>
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<tr>
<td>The Dwight School</td>
<td>New York, NY</td>
<td>Sigrid Berka</td>
</tr>
<tr>
<td>Chariho Regional High School</td>
<td>Wood River Junction, RI</td>
<td>Lars Erickson, IEP Student Ambassador</td>
</tr>
<tr>
<td>Westerly High School</td>
<td>Westerly, RI</td>
<td>Erin Papa, IEP Student Ambassador, Michelangelo La Luna</td>
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</table>
APPENDIX
PROVIDENCE JOURNAL: URI PROGRAM FOSTERS INTERNATIONAL LEARNING

By Linda Borg

The Providence Journal  April 8, 2013

SOUTH KINGSTOWN – Elena Dempsey is 22 years old, and she speaks Mandarin and Cantonese, has interned at a large international company and is being courted by two prestigious employers.

Dempsey is enrolled in a five-year program at the University of Rhode Island that allows students to earn a bachelor’s degree in Chinese, French, German and Spanish along with a companion degree in international engineering and international business.

It is just one of the many ways in which URI is trying to rebrand itself as a global institution, one that immerses students in foreign cultures and prepares them to succeed on the international stage.

“Practically every flagship university is doing this,” URI President David M. Dooley said during a recent interview. Higher education, he said, needs to “confront students with a world view that is not America. That’s what happens when you go abroad.”

Under Dooley’s leadership, the university has been deepening and expanding its collaborations with universities in Spain, Germany and China. Internships are available with dozens of large multinational companies such as Bayer, BMW, Siemens and Volkswagen.

URI is also looking to expand its global reach in Asia and Africa and break new ground in South America, where Dooley intends to establish partnerships with universities in Chile and Argentina.

The university also hopes to add Portuguese and Arabic to its dual-major programs.

The university is adding three faculty positions in key areas, including Islamic and Mediterranean studies. It added Chinese as a major in 2011.

Students like Dempsey, who lives in Cumberland, are benefiting from these immersive multicultural experiences in ways the university couldn’t have imagined.

“I have a brand for myself,” said Dempsey, who is majoring in international business and Chinese. “I am a student with international experience. In today’s economy, having that brand ... has opened doors.”

Chris Andraka, 23, who is majoring in chemical and international engineering, will never forget his first 24 hours in Hangzhou, where he spent a month in intensive language instruction.

“It was an eye-opener,” the fifth-year student said. “It’s a very polar economy. It changed how I view the world, and it changed how certain foreigners viewed us. They thought Americans were all fat and lazy.”

In the fourth year of the dual-degree program, students study abroad, spending the first semester studying the host language and culture and the second semester as paid interns with an international company.

Although Dempsey, whose mother speaks five languages, had traveled widely in Albania and Greece, nothing prepared her for the contradictions of modern China.
“I didn’t expect everyone would take my picture,” said Dempsey, who is 5 feet 11 inches tall. “They kept pointing to my legs and saying, ‘She’s so tall.’”

She quickly adapted, learning to order takeout food, navigate the transit system and converse with her professors, all in Mandarin Chinese. All of her skills were tested when she began her six-month internship with Hasbro’s Hangzhou office, where she was one of only two foreigners on staff.

Dempsey turned out to be a major asset because all of Hasbro’s e-mails are written in English and she could translate them for her Chinese colleagues.

Andraka interned with Bayer, the German pharmaceutical company, in China.

“My first day, all of my coworkers, when they found out I could speak Chinese, no more English to me,” he said. “I gave my presentations in Chinese, my PowerPoints in Chinese.”

Beyond language acquisition, a year abroad gives students fluency in something just as important: a foreign culture, where etiquette can leave a lasting first impression. Chinese workers typically eat and then nap during their lunch break, so Dempsey began going home for lunch. They eat family style, so Americans have to get used to sharing food. And shaking hands is not a standard greeting in business meetings.

“The program,” Dempsey said, “takes learning from inside the classroom to the outside.”

URI is also one of only nine universities chosen to participate in the Chinese Flagship Program, a federally funded undergraduate program designed to prepare young Americans to be proficient in languages that are critical to national security and competitiveness. “This is a very effective way of disseminating the soft power of the United States,” Dooley said, adding that student exchanges “do an enormous amount of good for America.”

But global outreach is not a one-way street.

The university is also trying to make its campus more attractive to foreign students. It offers an English immersion program during the summer. A separate program grants conditional admission to international students as long as they spend a year becoming proficient in English.

A global university recognizes that students must feel culturally at home. To that end, URI has established a Confucius Institute, one of only 20 in the United States, including Bryant University’s; in 2007, URI sponsored an honors colloquium called China Rising.

To make it more welcoming to international students, URI also holds a week-long summer orientation that includes everything from tips on taking public transportation to field trips to Wal-Mart. The college also keeps a dorm open during school breaks.
2012 Colloquium on International Engineering Education in Newport, RI

Despite major obstacles, e.g. Hurricane Sandy and its impact, the IEP hosted a successful 15th Annual Colloquium on International Engineering Education.
Rhode Island Roadmap to Language Excellence Initiative Highlights

The IEP has collaborated with the URI Chinese Flagship Program to secure a grant from the National Security Education Program to create a Roadmap to Language Excellence for the State of Rhode Island, a set of recommendations on how we can change language education K-16 to meet the needs of business and government in the state. (See hard copy.)

Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>September 2011</td>
<td>Grant received.</td>
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<tr>
<td>September - November 2011</td>
<td>Preliminary research conducted via telephone interviews on the language needs of businesses and government service agencies in RI.</td>
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<tr>
<td>December 2011</td>
<td>State Language Summit with representatives from business, government, and education in RI. Keynote speech by Tom Wroe, former CEO of Sensata Technologies.</td>
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<tr>
<td>January - May 2012</td>
<td>Working groups met to develop the Rhode Island Roadmap to Language Excellence based on the findings from the preliminary research and Summit.</td>
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<td>June 2012</td>
<td>Official launch of the Rhode Island Roadmap to Language Excellence at the Rhode Island State House with Senator Reed, Commissioner of Education Deborah Gist, URI President David Dooley, Mayor of Cranston Allan Fung, Ret. Brigadier General and former CEO of Tyco China Michael Byrnes, and VP of Nortek Thomas Dougherty.</td>
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<tr>
<td>September 2012</td>
<td>Ongoing discussions with school district leaders regarding dual language immersion program implementation.</td>
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<tr>
<td>March 2013</td>
<td>Following Roadmap recommendations, the RI Department of Education (RIDE) drafted regulations on dual language programs and a Seal of Biliteracy.</td>
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<tr>
<td>April 2013</td>
<td>Language Roadmap Business Incubator Meeting hosted by Hexagon Metrology with keynote by Gregg Roberts, World Language and Dual Language Immersion Specialist for the Utah State Office of Education. Advocacy by Andrew Corsini, Supfina; Angus Taylor, Hexagon; and Al Verrecchia, Hasbro. Comments by Deborah Gist, Commissioner of RIDE; and Superintendents of North Kingstown, South Kingstown, and East Greenwich.</td>
</tr>
<tr>
<td>May 2013</td>
<td>North Kingstown Career Pathway Exploratory Meeting at URI to create an IEP at North Kingstown High School.</td>
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</table>
Our 12-day German Study Tour this January allowed 17 students, chaperoned by Sigrid Berka, Kathrin Köhler, and GIEP & ISE super-senior Brendan Grealish, to explore the cities of Hamburg, Braunschweig, Berlin, and Frankfurt. Towering above the Elbe River, the Hostel Hamburg “Auf dem Stintfang” was an ideal starting point for our city tours and Lufthansa Technik exploration. Highlights in Braunschweig were a research lab tour of the Institute of Energy and Process Systems Engineering, led by URI’s new faculty liaison Professor Ulrike Krewer and her assistant Niels Brinkmeyer, who will mentor our dual degree students in Mechanical and Chemical Engineering at TUBS, as well as a tour by our own alum John Ellwood, who enthusiastically presented his Institute for Tool Machines and Production Technology.

A dinner which brought together IEP alums, current GIEPers studying in Germany, and study tour students concluded the Braunschweig activities. A definite winner, the next day was a tour through the gigantic VW production facility in Wolfsburg where we had to take an indoor train to witness the “marriage of the chassis and motor” and other automated production processes, and enjoyed VW-made Currywürste in its cafeteria (we found out that VW produces more Currywürste than cars on a typical day...).
Our students engaged in a different kind of professional activity at Deutsche Bahn in Berlin. Mixed teams of URI students and young DB employees were charged to solve a case study, the planning of the “train station of the future.”

The students also enjoyed a personal tour of Berlin given by our board member emeritus, Rolf-Dieter Schnelle (former Consul General in Boston), who explained to them the history of Berlin and the building of the Berlin wall – an event for which he himself had been an eye-witness.

From our last stop in Frankfurt, we took a train to Ludwigshafen, and the students encountered the fascinating world of research and career opportunities at one of the world’s largest chemical companies, BASF.

What did our students think of the experience?
“Hands down the best adventure I have ever been on, it was really a great time. I could not have asked for a better first impression of the country, the culture, the language and everything else.” - Ian Calise, GIEP & CHE sophomore.

“Germany was wonderful. It was an experience I am glad to have and could not have found a better way to travel. This tour showed me exactly where I am headed in three years and I could not be more excited about it!” – Kelsey Foster, GIEP & BME freshman.
URI, SUNY Adirondack launch engineering transfer program

KINGSTON, RI – May 6, 2013 -- The University of Rhode Island and SUNY Adirondack have inked an agreement to allow SUNY Adirondack students who have earned associate of science degrees in engineering to seamlessly transfer as juniors to URI’s bachelor of science engineering programs.

The agreement is the first of its kind for URI’s College of Engineering. In addition, Adirondack is the first SUNY community college to offer this engineering transfer opportunity with the University of Rhode Island.

“This agreement will increase the visibility of the University’s engineering program, attract a diverse student group and continue to strengthen our international education initiatives. This new program is perfectly aligned with President David Dooley’s Transformational Goals on Global Initiatives and Outreach,” said College of Engineering Associate Dean George Veyera, who negotiated the arrangement with SUNY Adirondack.

Students from the New York college can transfer directly into the University’s programs in biomedical, chemical, civil, computer, electrical, industrial and systems, mechanical or ocean engineering.

The agreement also allows SUNY Adirondack students to transfer directly into URI’s International Engineering Program. Students participating in this innovative, globally recognized five-year program earn a bachelor of science degree in their chosen engineering discipline and a bachelor of arts degree in Chinese, French, German or Spanish. These students spend one semester studying abroad at a partner university, and another semester completing a paid internship with a top engineering firm in that country.

“This arrangement will bring talented students to the University of Rhode Island who may not have considered the school and its International Engineering Program,” program Director Sigrid Berka said. “By coming here, students have the chance to build on the engineering and language skills they learned at SUNY Adirondack and apply the skills in immersion programs and internships abroad.”

On the Kingston campus, students in the International Engineering Program will have the opportunity to live in one of the program houses, which offer special programming and international cuisine.

“We couldn’t be more pleased to be associated with such a far-reaching, global program,” said Luke Musto, chair of the Mathematics, Engineering and Computer Science Division at SUNY Adirondack.

The first SUNY Adirondack students could arrive in Kingston as early as fall 2013.
DelGreco geht nach Deutschland

Follow my adventures abroad!

Essen for Thought

This past week, I spent my time working in the western German city of Essen. I spent over 60 hours working to be exact, and although this is obviously much more than my contract requires me to work, every hour, no every minute I spent working this week was more than worth it. Sure, it was exhausting, and it’s not often that I and my coworkers find ourselves working until the nighttime security guard comes to tell us that he’s locking up the building and that we have to leave, but sometimes, things like this are just part of the experience.

I am working in the Efficiency Management department of DB Schenker, part of the larger DB Mobility Logistics. Our department is responsible for improving the efficiency of employees in the company through trainings and workshops as well as training employees in quality management and improvement methods that they can use to improve the quality of the projects that they do in their departments. This week in Essen, our task was to instruct selected members of the IT department on Office Excellence, an initiative that aims to improve employee's ability to be more efficient in the way they work in their workplaces as well as within their teams. We not only needed to teach them the methods of Office Excellence, but also train them how to implement the program and new solutions into their respective department teams.

The program began on Tuesday morning and was introduced to the fifteen participants by Philipp, the supervisor of the program’s implementation in the IT department. When he was finished, the next presenter on the agenda was none other than me. As an intern who has not facilitated a workshop with DB before, I was quite surprised when I was given the task of essentially starting the workshop by facilitating the introduction of the participants.
Claudia, my boss, and Philipp both admitted to me later that they had been a bit worried about having me start the workshop, but never fear, I nailed it! I brought an energy to the group that everyone I work with agreed they could never do.

On Thursday, it was my turn to present one of the week’s Focus Topics. After we had struggled to achieve our goals as a group on Wednesday, I had the extra task of refocusing the group so we could solve some of the problems pertaining to today’s topic. As I stood before the room, the energy and positivity of the group returned, and before we knew it, we were discussing and solving their problems. The frustrations of yesterday had melted away, and the workshop participants were making progress.

However nice it is to hear compliments like that, that is not what drives me. I was not doing my work for the praise – I did my work because I genuinely had a great time doing it. I was facilitating discussions between professionals about problems that they experience in their offices, and even better, helping them find solutions. In a room surrounded by people with years more experience at the company than I have, I was teaching people how to be more efficient, teaching them how to implement solutions, and teaching them how to facilitate discussions with their coworkers back in their own teams.

My point is, Philipp hit the nail on the head – this is exactly the kind of thing I want to do for the rest of my life. I want to be the teacher at the front of the room. I want to be the one facilitating discussions to identify problems and figure out how to make the business better. I want to be the trainer instructing people’s view, from the front of a room filled with people ready to learn, whose eyes are all on me.

From the blog of Nicholas DelGreco, German IEP & Industrial Engineering intern at DB Schencker, Berlin.