Dear Board Members,

Guided by the action items of the IEP strategic plan, we have focused our priorities in the 2010-11 year on marketing the IEP, raising student enrollment, setting up US-international company connections, expanding degree programs with our international partners, and taking a first step at creating a budget according to standard accounting procedures. We are happy to report that we have made progress in each of these areas and that the state of the IEP remains strong:

- We have a great new team in place!
- Host company sign-up has increased!
- Our enrollment numbers are up!
- Our budget is sound!

It has been an eventful year! Right after convening our last meeting, you all joined us for John Grandin’s retirement celebrations. More than 250 alumni, colleagues, international guests, and friends of the IEP attended our grand celebrations at URI and at the Dunes Club. The June 5 events demonstrated the powerful bond created by the IEP family. And we were pleased to be able to raise $350,000 in pledges, with $174,000 in the bank at this point, toward an endowed IEP directorship in John’s name.

We used the summer months for an extensive mailing and marketing campaign, sending over 1000 info packets to high schools all over the country, and by speaking at all orientation meetings for incoming URI engineering freshmen. A first result of this effort is the 9.4 % increase in IEP enrollment.

After a careful international search, we welcomed a wonderful and savvy new coordinator on board in October. Katie Zimmerman, a former French teacher, brings her outreach expertise and great rapport with students and colleagues to the program. She has already made big strides in improving management of routine tasks and communication procedures in the IEP and at URI. Welcome Katie!

The beginning of November saw another well attended conference, the 13th Annual Colloquium on International Engineering Education in Newport, generously supported by URI Provost DeHayes and Deans Wright and Brownell. We were honored to feature three distinguished keynote speakers: Rhode Island’s senior U.S. Senator, Jack Reed, URI President David Dooley, and Executive Director of ABET, Michael Milligan. Thanks to the dedication of Angela Graney and team, all logistics went very smoothly and the conference was a success.

On the Chinese front, the Chinese Language Flagship Program under its new director Wenchao He has managed to develop the necessary curriculum to introduce the Chinese major, which has passed nine out of ten complex review “hurdles” at the time of printing this report. The success of the Chinese Flagship and IEP Programs is reflected in the
dissemination of the new Beatrice S. Demers Fellowship – an overwhelming 11 out of 19 scholarship awards ranging from $4,400 to $19,000 went to URI students studying Chinese! The CIEP has also introduced a new dual B.S./M.S. degree program between URI and Zhejiang University (3 + x), signed by Presidents David Dooley and Wei Yang in March. ZJU engineering students will receive a B.S. from their home university and then continue in an accelerated master’s program at URI. We will welcome the first two students on campus in the fall.

While our deans and faculty directors were busy with commencement activities at the end of May, John Grandin took the opportunity of his Germany trip to meet with almost 50 URI and TUB alumni in Braunschweig and Munich. As a result, the Germany alumni chapter, established in 2009, has now expanded to a Southern German chapter complete with president, and will help us create valuable networking and placement opportunities for our students. Thank you, John!

During the up-coming academic year, SIEP director Megan Echevarría will go on a well-deserved one year sabbatical leave to concentrate on her research. We are fortunate to have found a highly qualified temporary director for this time in Ignacio Pérez-Ibáñez, who has a Ph.D. in Spanish Philology. Ignacio brings the right language and cultural skills as well as business expertise to the position, and will no doubt take excellent care of our SIEP juniors and seniors, many of whom he already knows from having taught Business Spanish at URI this spring.

On June 3, Provost Donald DeHayes, Flagship coordinator Erin Papa, and I traveled to the annual NAFSA conference, organized by the Association of International Educators, to receive the highly competitive Senator Paul Simon Spotlight Award for internationalizing the engineering curriculum at URI. Shortly after, on June 7, our Chairwoman of the IEP Advisory Board, Heidi Kirk Duffy, was invited to the White House State Dinner during which President Obama presented German Chancellor Angela Merkel with the Medal of Freedom! Can it get any more exciting than that to be involved with the IEP? Both occasions were a wonderful recognition for URI, Heidi, and the IEP, and provided a great finish for this year.

I hope you will enjoy reading through our annual report and additional documents for this year’s board meeting. Thank you for your continued interest and support!

Sincerely,

[Signature]

Sigrid Berka
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International Engineering Program
Advisory Board Members 2011

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udo.schroff@seifertinc.com

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International Engineering Program
Administration 2011

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sberka@uri.edu

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Ms. Erin Papa
Chinese Language Flagship Coordinator
(401) 874-5566
epapa@uri.edu

Student Assistants:
Nicole Bonvouloir (FIEP ‘13)
Sarah Wood (CIEP ‘14)
Enrollment Figures 2010-11

<table>
<thead>
<tr>
<th>IEP #</th>
<th>% of IEP</th>
<th>URI College of Engineering Undergraduates</th>
<th>% of COE</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>URI College of Engineering Undergraduates</td>
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</tr>
<tr>
<td>Total # of Students</td>
<td>278</td>
<td>1035</td>
<td>27%</td>
</tr>
<tr>
<td>Female</td>
<td>70</td>
<td>25%</td>
<td>160</td>
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<tr>
<td>Male</td>
<td>208</td>
<td>75%</td>
<td>875</td>
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<tr>
<td>Rhode Islanders</td>
<td>190</td>
<td>68%</td>
<td>679</td>
</tr>
<tr>
<td>Out-of-State (includes 2 int'l students)</td>
<td>88</td>
<td>32%</td>
<td>356</td>
</tr>
<tr>
<td>Centennial Scholars*</td>
<td>76</td>
<td>27%</td>
<td>229</td>
</tr>
<tr>
<td>Minority Representation*</td>
<td>33</td>
<td>12%</td>
<td>80</td>
</tr>
<tr>
<td>Talent Development*</td>
<td>15</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>German Dual Degree **</td>
<td>7</td>
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</tr>
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</table>

*Based on reported information  
**Included 1 doctoral candidate

By Engineering Discipline ***

<table>
<thead>
<tr>
<th>IEP #</th>
<th>% of IEP</th>
<th>URI College of Engineering Undergraduates</th>
<th>% of COE</th>
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</thead>
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<tr>
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<td>10%</td>
<td>104</td>
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<tr>
<td>Chemical</td>
<td>45</td>
<td>16%</td>
<td>125</td>
</tr>
<tr>
<td>Civil</td>
<td>29</td>
<td>10%</td>
<td>179</td>
</tr>
<tr>
<td>Computer</td>
<td>8</td>
<td>3%</td>
<td>76</td>
</tr>
<tr>
<td>Electrical</td>
<td>23</td>
<td>8%</td>
<td>105</td>
</tr>
<tr>
<td>Industrial &amp; Systems</td>
<td>9</td>
<td>3%</td>
<td>32</td>
</tr>
<tr>
<td>Mechanical</td>
<td>63</td>
<td>23%</td>
<td>242</td>
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<tr>
<td>Ocean</td>
<td>25</td>
<td>9%</td>
<td>136</td>
</tr>
<tr>
<td>Undecided</td>
<td>23</td>
<td>8%</td>
<td>38</td>
</tr>
<tr>
<td>Other</td>
<td>28</td>
<td>10%</td>
<td>-</td>
</tr>
</tbody>
</table>

***Reflects double majors with Chemical & Ocean Engineering majors included under Chemical Engineering

There has been a 9.4 % increase in IEP undergraduate enrollment in the 2010-2011 academic year.

Note: Due to rounding percentages may not equal 100.
## 2010-11 Enrollment Figures

### By Language Track

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<tr>
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<th>German IEP</th>
<th></th>
<th>French IEP</th>
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<td></td>
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<td>% of GIEP</td>
<td>FIEP</td>
<td>% of FIEP</td>
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<td>Female</td>
<td>16</td>
<td>13%</td>
<td>12</td>
<td>36%</td>
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<tr>
<td>Male</td>
<td>105</td>
<td>87%</td>
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<td>64%</td>
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<td>85</td>
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<td>36</td>
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<td>6</td>
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<tr>
<td>Centennial Scholars</td>
<td>36</td>
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<tr>
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<td>2</td>
<td>2%</td>
<td>3</td>
<td>9%</td>
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### By Engineering Discipline...

<table>
<thead>
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<th></th>
<th>French IEP</th>
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<tbody>
<tr>
<td>Biomedical</td>
<td>11</td>
<td>9%</td>
<td>2</td>
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</tr>
<tr>
<td>Chemical</td>
<td>17</td>
<td>14%</td>
<td>11</td>
<td>33%</td>
</tr>
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<td>Civil</td>
<td>12</td>
<td>10%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Computer</td>
<td>5</td>
<td>4%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>Electrical</td>
<td>12</td>
<td>10%</td>
<td>6</td>
<td>18%</td>
</tr>
<tr>
<td>Industrial &amp; Systems</td>
<td>5</td>
<td>4%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>39</td>
<td>32%</td>
<td>7</td>
<td>21%</td>
</tr>
<tr>
<td>Ocean</td>
<td>10</td>
<td>8%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>Undecided</td>
<td>4</td>
<td>3%</td>
<td>4</td>
<td>12%</td>
</tr>
<tr>
<td>Other</td>
<td>8</td>
<td>7%</td>
<td>3</td>
<td>9%</td>
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</table>

*One double major is included in both German and Spanish IEP.*
## 2010-11 Enrollment Figures
### By Language Track

<table>
<thead>
<tr>
<th></th>
<th>Spanish IEP</th>
<th></th>
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</tr>
</thead>
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<td>SIEP</td>
<td>% of SIEP</td>
<td>CIEP</td>
<td>% of CIEP</td>
</tr>
<tr>
<td>Total # of Students*</td>
<td>94</td>
<td></td>
<td>31</td>
<td></td>
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<tr>
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<td>32</td>
<td>34%</td>
<td>10</td>
<td>32%</td>
</tr>
<tr>
<td>Male</td>
<td>62</td>
<td>66%</td>
<td>21</td>
<td>68%</td>
</tr>
<tr>
<td>Rhode Islanders</td>
<td>57</td>
<td>61%</td>
<td>22</td>
<td>71%</td>
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<tr>
<td>Out-of-State</td>
<td>37</td>
<td>39%</td>
<td>9</td>
<td>29%</td>
</tr>
<tr>
<td>Centennial Scholars</td>
<td>31</td>
<td>33%</td>
<td>3</td>
<td>10%</td>
</tr>
<tr>
<td>Minority Representation</td>
<td>20</td>
<td>21%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>Talent Development</td>
<td>9</td>
<td>10%</td>
<td>1</td>
<td>3%</td>
</tr>
</tbody>
</table>

### By Engineering Discipline...

<table>
<thead>
<tr>
<th></th>
<th>Spanish IEP</th>
<th></th>
<th>Chinese IEP</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical</td>
<td>12</td>
<td>13%</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td>Chemical</td>
<td>13</td>
<td>14%</td>
<td>3</td>
<td>10%</td>
</tr>
<tr>
<td>Civil</td>
<td>14</td>
<td>15%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Computer</td>
<td>1</td>
<td>1%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Electrical</td>
<td>5</td>
<td>5%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>Industrial &amp; Systems</td>
<td>2</td>
<td>2%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>14</td>
<td>15%</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td>Ocean</td>
<td>11</td>
<td>12%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>Undecided</td>
<td>12</td>
<td>13%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>Other</td>
<td>10</td>
<td>11%</td>
<td>5</td>
<td>16%</td>
</tr>
</tbody>
</table>
Enrollment Figures
A Closer Look

IEP as % of College of Engineering

- IEP: 27%
- Non-IEP: 73%

IEP Enrollment by Language

- Chinese: 11%
- French: 12%
- Spanish: 34%
- German: 43%

IEP Breakdown by Engineering Discipline

- Mechanical: 23%
- Electrical: 8%
- Computer: 3%
- Other: 9%
- Undecided: 9%
- Ocean: 9%
- Biomedical: 11%
- Chemical: 16%
- Civil: 10%
- Industrial & Systems: 3%
Enrollment Figures
A Closer Look

**IEP Enrollment over the Past 10 Years**

<table>
<thead>
<tr>
<th>Year</th>
<th>Overall</th>
<th>German</th>
<th>Spanish</th>
<th>French</th>
<th>Chinese</th>
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</thead>
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<tr>
<td>01-'02</td>
<td>164</td>
<td>101</td>
<td>36</td>
<td>32</td>
<td>0</td>
</tr>
<tr>
<td>02-'03</td>
<td>164</td>
<td>103</td>
<td>37</td>
<td>37</td>
<td>14</td>
</tr>
<tr>
<td>03-'04</td>
<td>178</td>
<td>113</td>
<td>42</td>
<td>27</td>
<td>20</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>0</td>
</tr>
<tr>
<td>06-'07</td>
<td>210</td>
<td>122</td>
<td>52</td>
<td>28</td>
<td>14</td>
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<td>07-'08</td>
<td>222</td>
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<td>27</td>
<td>20</td>
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<td>08-'09</td>
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<td>133</td>
<td>63</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>09-'10</td>
<td>254</td>
<td>126</td>
<td>69</td>
<td>29</td>
<td>30</td>
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<tr>
<td>10-'11</td>
<td>278</td>
<td>121</td>
<td>94</td>
<td>33</td>
<td>31</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 2011 calendar year, 33 international internship placements were made by the IEP Faculty. The following list shows where students completed these internships.

### France
1. Sarah Hanselman
2. Caitlin Hurley
3. Raena Morley

<table>
<thead>
<tr>
<th>International Business students placed by IEP directors</th>
</tr>
</thead>
</table>

### Germany
4. Kyle Chase
5. Kelly Cook (dual masters)
6. Dan Danckert
7. Nicholas Daniello
8. Anthony DiGulio
9. Michael Dillman
10. Thomas Duarte
11. Payam Fahr
12. Johnathan Farnsworth
13. William Garcia
14. Rhys Goff
15. Colleen Grinham
16. Kareem Hartl *
17. James Isherwood
18. Brian Kintz
19. Corey Marchetti
20. James McLean
21. Jason Miller (dual masters)
22. Admir Monteiro
23. Maricarmen Neris *
24. Nick Putnam
25. William Seites Rundlett
26. Greg Turner
27. Donna Salamey
28. Yida Yang

<table>
<thead>
<tr>
<th>International Business students placed by IEP directors</th>
</tr>
</thead>
</table>

### Spain
29. Mici Chase
30. Evan Dowell
31. Courtney Dulude
32. Max Kramers
33. Erica Manganelli *

<table>
<thead>
<tr>
<th>International Business students placed by IEP directors</th>
</tr>
</thead>
</table>

* International Business students placed by IEP directors
Internship Placements

International Internship Placements 1990-2011

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>90</th>
<th>91</th>
<th>92</th>
<th>93</th>
<th>94</th>
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<th>96</th>
<th>97</th>
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<th>08</th>
<th>09</th>
<th>10</th>
<th>11</th>
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<tbody>
<tr>
<td>German</td>
<td>8</td>
<td>6</td>
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*Note: French data for years 1990-1992 is not available.
Internship Partners 1990-2011
International and Domestic

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)
Beiersdorf AG (Hamburg)
Benteler (Paderborn)
Blaupunkt GmbH (Hildesheim, Germany)
BMW (Munich, New Jersey, South Carolina)
Böhringer Ingelheim Microparts (Dortmund)
Bosch (Stuttgart)
Brown & Sharpe (Rhode Island)
Bruker Biospin (Wiessemebourg)
CEIT (San Sebastián)
**Communication Technologies Research Group (Zaragoza)**
Continental AG (Regensburg)
DaimlerChrysler (Stuttgart, NJ, MI)
Deutsche Bahn (Munich, Berlin, Minden)
**Draeger Medical (Lübeck)**
Emitec (Lohmar)
Ewag GmbH (Solothurn)
Fatronik (San Sebastián)
Gamesa S.A (Bilbao)
**General Motors (Zaragoza)**
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)
IAVF Antriebstechnik AG (Karlsruhe)
Ibaia Energía (Beasain, Ibarra)
IDOM (Bilbao)
Infineon AG (Munich)
Infamer (LaRochelle)
Johnson & Johnson (NJ, São Paulo)
**King Marine (Valencia)**
Kolbenschmidt Pierburg (Neckarsulm, Abadiano)
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)
PolyIC (Fürth)
Praxair (Spain)
Preusse Baubetriebe GmbH (Hamburg)
Price Waterhouse (Frankfurt)
Renault (Guyancourt)
Rhodia (Clamecy, Lyon)
Robert Bosch GmbH (Stuttgart)
Robotikter (Zamudio)
**Rhodia (Paris)**
Saint-Gobain (Cavaillon, Avignon, Germany, MA)
**Salzgitter AG (Salzgitter)**
SAP (Karlsruhe, Montreal)
Schroff GmbH (Straubenthal)
Sensata Technologies (Aguascalientes)
Siemens (Munich, Erlangen, Madrid)
State Key Laboratory for Chemical Engineering (Hangzhou)
Supfina (Rhode Island, Schapbach)
STMicroelectronics (Grenoble)
Texas Instruments (Aguascalientes)
**Thermochemical Processes Research Group (Zaragoza)**
**Toray Plastics (Lyon)**
Total (Paris, Pau)
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.
### Total # of Students Exchanged = 506
* Includes 6 dual-degree masters students and 1 doctoral candidate  
(Does not include short-term visitors.)

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Exchanges
French IEP

Université de Technologie de Compiègne

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# of Students Exchanged

Sarah Hanselman ‘11 FIEP/Chemical Engineering in Paris, France
## Exchanges
### Spanish IEP

### Universidad de Cantabria (Spain)

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<tr>
<td>AY 10-11</td>
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**TOTAL # of Students Exchanged:** 9 3

### Universidad de Navarra-TECNUN (Spain)

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<tr>
<td>AY 10-11</td>
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**TOTAL # of Students Exchanged:** 9 9

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**TOTAL # of Students Exchanged:** 16 17

### Tec de Monterrey (Mexico)

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**TOTAL # of Students Exchanged:** 5 7
# Exchanges
## Chinese IEP

**Zhejiang University**  
(Hangzhou, China)

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*Includes other majors*
The Chinese Flagship Program received two sub-grant awards this year:

1. **CALLM Project** – Content Area Language Learning Modules Project in cooperation with the University of Oregon, San Francisco State University, and Western Kentucky University. We have started offering CHN/EGR 413 Advanced Technical Chinese, which is video-recorded and sent to the University of Oregon for technical editing to prepare for online offering.

2. **Flagship Results 2012 Project** – A special Flagship journal issue of the Journal of Chinese Teaching and Research in the US to be published in time for the 10th anniversary of The Language Flagship in 2012. We have formed an editorial board composed of representatives of each Chinese Flagship program. The URI Chinese Flagship program will take the lead and serve as the editorial office.

**Awards**

Flagship Scholar Kaylen Duarte was offered a prestigious David L. Boren Scholarship and Ai Chang Guo received a Benjamin A. Gilman International Scholarship to support their Capstone Year studies in China.

Six Flagship Scholars were awarded Beatrice S. Demers Fellowships for their studies in China during the summer of 2011 or the 2011-12 academic year:

- Kaylen Duarte
- Hui Chen
- Alyssa Zisk
- Patrick Slavin
- Andy Rithiphong
- Cynthia Perez

Four URI Flagship students traveled to Washington D.C. on January 19 to hear First Lady Michelle Obama speak in support of President Obama’s “100,000 Strong Initiative” at Howard University.

**Chinese Language Immersion**

In addition to intensive language study during the academic year, all Flagship students participate in language immersion during between-semester breaks.

<table>
<thead>
<tr>
<th>Immersion Program Participation</th>
<th>Flagship Students</th>
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<tr>
<td>URI Chinese Winter Immersion Program, Kingston January 2011</td>
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<tr>
<td>URI Chinese Summer School, Kingston &amp; Hangzhou May-July 2011</td>
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<tr>
<td>CIEE Accelerated Chinese Language Program, Shanghai June-August 2011</td>
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</table>
Graduates
December 2010- August 2011

German (16)
David Caouette
Patricia Coutts
Andrew DaSilva
Drew Davis
Shawn Drew
Sara Eldridge
Patrick Eads
Amy Gibson
Brian Grenon
James Isherwood Jr.
James Leuzarder
Corey Marchetti
Manuel Muller
Sotharom Muth
Steven Sihavong
Katherine Tivin

French (5)
Benjamin Adams
David Fennessey
Adam Hanks
Sarah Hanselman
Sara Manteiga

Spanish (8)
Ryan Andrews
Jennifer Bline
Eric Collette
Nathan Kando
Grace Lynch
Samuel Matus
Sarah Schlatter
Marc Tetreault

Chinese (2)
Rachael Browning
Joseph Hackman

IEP Graduates through 2011: 343
German: 266
French: 32
Spanish: 41
Chinese: 4
Due to rising operating costs, the price of living at the Heidi Kirk Duffy Center will increase by $400 per semester for the next academic year.

<table>
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<tr>
<th></th>
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<th>Dining Plan</th>
<th>Comm Fee</th>
<th>TOTAL per semester</th>
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<td>$1,800</td>
<td>$250</td>
<td>$5,000</td>
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<tr>
<td>double</td>
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<td><strong>IEP House</strong></td>
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<td>$1,800</td>
<td>$250</td>
<td>$4,500</td>
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Cumulative Honor Roll
(as of June 15, 2011)

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 Giraitis
Michael Byrnes
Laurie Burger
Dissemination

Publications:


Berka, Sigrid, “Retaining Engineering Students through a J-Term German Immersion Study Tour,” conference proceedings of the North-Eastern ASEE. April 29-30, 2011 West Hartford, CT.


Presentations and Workshops:

Berka, Sigrid, “Retaining Engineering Students through a J-Term German Immersion Study Tour,” ASEE-NE conference. The University of Hartford, West Hartford, CT, April 29-30, 2011.


Berka, Sigrid, main organizer of 13th Annual Colloquium on International Engineering Education, “Moving Forward,” Newport, RI, Nov. 4-7 2010


“Cross-Cultural Preparation for Engineering Students Working in Germany,” in post-conference workshop on Linking Languages to the STEM Disciplines (co-organized with Echevarria, Erickson, Xiong), Nov. 7, 2010.
Dissemination

Presentations (continued):


Berka, Sigrid, “Adding value in addressing the grand challenge areas of water and health through an international dual degree program with a multi-disciplinary research initiative,” invited speaker at 9th Annual ASEE Global Colloquium on Engineering Education. Singapore, October 18-21, 2010.


He, Wayne, “Regional Chinese Language Teachers Associations - Meeting the Needs of the Field at the Local Level,” Chinese Language Teachers Association (USA) 2010, 44th Annual Conference in conjunction with ACTFL. Boston, MA, Nov. 2010.


He, Wayne, “Reaching the Goal: From the Flagship Practitioner’s Perspective,” in WORKING SESSION C. Raising the Language Bar -- Standards, Methodology and Assessment in Foreign Language and Language Flagship Programs, 13th Annual Colloquium on International Engineering Education, Nov. 6, 2010, Newport, RI.
Dissemination

**Presentations (continued):**

Hedderich, Norbert, served as moderator of the pre-colloquium workshop on *How to get started with new international engineering programs and how to assess the impact of existing ones, at the 13th Annual Colloquium on International Engineering Education*, “Moving Forward,” Newport, RI, Nov. 4-7, 2010.

Rarick, Damon, served as Editor, *Online Journal for Global Engineering Education*.


Participants included Klaus Scharioth, the Ambassador of the Federal Republic of Germany and representatives from the AATG, the Germany Embassy, the German Studies Association, the Goethe Institut, ZDF, German-American Schools, Women in German, the Zentralstelle für das Auslandsschulwesen, the German American Chamber of Commerce, *German World Magazine* and the *New York Times*. Rarick spoke for about 30 minutes on the IEP and its internship programs and contributed to the “Waldsee Statement” promoting the study of German in the United States.


Disseminated information about the IEP to 25 representatives of Business German programs in the United States, including Johns Hopkins, Harvard, Alabama, Georgetown, Penn, and Emory.


The Colloquium was a big success; it attracted a total of 185 participants from 8 different countries and 22 states. With the guiding topic of “Moving Forward”, we had four packed days of lively discussions and collaboration. We were honored to have Senator Jack Reed of Rhode Island give an engaging and supportive keynote address on opening night. Executive Director Emeritus John Grandin introduced Senator Reed and remarked on his continued support for global and engineering education. Senator Reed once addressed students of the Deutsche Sommerschule am Atlantik when he was running for Congress the first time, in 1989. He spoke about how best to educate students globally. Senator Reed underscored the growing urgency for the United States to engage foreign cultures and nations by sending our students abroad to study and work in the target language. He emphasized that an informed foreign policy and diplomacy depends on a deep understanding of other nations and necessitates globally competent ambassadors such as IEP graduates. All ears perked up when he mentioned that he had discussed the IEP with his colleagues on the Senate floor!

We were proud of the IEP’s strong representation on numerous panels by faculty, alumni and board members. On the alumni panel, Eric Sargent ’03/’06 GIEP & Dual Masters, now at BMW North America, and Matthew Zimmerman ’01 G/FIEP, of Farsounder Inc., shared insight into how the IEP has shaped their careers and their lives after graduation. Kudos and a big “thank you” go to board members Laurie Burger and Mike Byrnes, who chaired and presented on the “Engaging China” panel. All of the IEP directors and Flagship directors, as well as several faculty members, gave wonderful presentations on various topics or moderated panels. In Thursday’s “Getting Started” workshop, Walter von Reinhart amused the participants with highlights from the IEP alumni assessment survey. When asked “What was the best thing about your IEP experience?,” their overwhelming response was “John Grandin!”

We are excited to announce that the next Colloquium on International Engineering Education will be hosted by Brigham Young University November 3-5, 2011 in Provo, Utah.
Student Awards and Honors

The University Academic Excellence Award, for Graduating Seniors
Sara Manteiga ‘11 French IEP (French and Chemical Engineering)

Nelson C. White Award, for Graduating Seniors in Engineering
Amy Gibson ‘11 German IEP (Chemical Engineering)

Ayotte Family French IEP Award
Nicole Bonvouloir ‘13 French IEP

Barbara Woods Memorial German Studies Award
David Powers ‘14 German IEP
Sean Taylor ‘13 German IEP
Farid Topchiev ‘14 German IEP

DAAD Study Scholarship, for 10 month study in Germany
Julia Roder-Hanna ‘13 German IEP

Beatrice S. Demers Foreign Language Fellowship
Christopher Andraka ‘13 Chinese IEP
Kayla Belanger ‘14 French IEP
Narván Hilliard ‘14 Chinese IEP
Alyssa Zisk ‘15 Chinese IEP

Chinese Book Award
Christian Marks ‘13 Chinese IEP

Frank L. Woods Memorial Scholarship
Nicholas DelGreco ‘14 German IEP
Brendan Grealish ‘13 German IEP

John M. Grandin IEP Scholarship
Courtney Dulude ‘12 Spanish IEP
Andrew Walker ‘13 Spanish IEP

Mexican Consulate Book Awards
Sarah Schlatter ‘11 Spanish IEP

Shawn P. McBride Memorial IEP Scholarship
Michael Caneja ‘14 Spanish IEP

William and Pauline Silvia IEP Scholarship
Luis Gonzalez ‘13 Spanish IEP

Wroe Family Chinese IEP Scholarship
Christopher Andraka ‘13 Chinese IEP
Alissa McKechnie ‘13 Chinese IEP
John Grandin received the **Bundesverdienstkreuz 1. Klasse** (Federal Cross of Honor 1st class), presented by the Consul General of the Federal Republic of Germany, Friedrich Löhr, on the occasion of Grandin’s retirement on June 5, 2010. The Modern Language Association chose Grandin for its **2011 ADFL Distinguished Service Award** for his many transformative contributions to shaping the future of foreign languages and literatures as a discipline. The ADFL (Association of Departments of Foreign Languages) is organizing a special session in his honor at the MLA Annual Convention to be held in Seattle, January 5-8, 2012.

Sigrid Berka was promoted to Executive Director of the IEP and Associate Professor of German in January 2011. She also nominated URI for the Senator Paul Simon NAFSA Spotlight award for campus internationalization. URI received the award for the internationalization of its engineering curriculum through the IEP; it was awarded to URI at the NAFSA convention on June 3, 2011 in Vancouver.
APPENDIX
French Consul General visits URI French program

On Wednesday May 25, 2011 the Consul General of the French Consulate in Boston, Christophe Guillou, came to URI to visit our thriving French program. The Attaché Culturel, Anne Miller, accompanied him. The Honorary French Consul in Rhode Island, Roger Begin, along with Dean Winnie Brownell, initiated the event.

The Consul began the day by meeting with about twenty French majors, including Sara Manteiga ’11 and Nicole Bonvouloir ’13 of the French IEP. The Consul was impressed by the variety of majors students have decided to combine with French, ranging from engineering to fashion merchandising to biology. Laurent Vernerey, the CEO of APC Schneider, joined us for lunch. He was able to hear from the Deans of Engineering, Arts and Sciences, Pharmacy, and Health and Human Services, as well as the Executive Director of the IEP, Dr. Sigrid Berka. Monsieur Guillou, Madame Miller, and Roger Begin were able to take a quick tour of the Heidi Kirk Duffy Living and Learning Center before going on to a tour of APC Schneider in West Kingston hosted by Monsieur Vernerey. The Consul left URI with the knowledge that students at URI have the unique opportunity of combining French with other diverse academic interests.
URI student takes global path to engineering career

URI Press Release - Senior Profile, by Todd McLeish
KINGSTON, R.I. – April 26, 2011 – For most of her life, Tiverton resident Sarah Schlatter knew that she wanted to travel to Europe. She learned Spanish in high school and spoke Portuguese at home, but it wasn’t until she got to the University of Rhode Island that her goal was achieved.

As she prepares to graduate on May 22 with degrees in biomedical engineering and Spanish, Schlatter credits her decision to enroll in URI’s International Engineering Program (IEP) for ensuring her first trip abroad would be a success.

“The IEP program was what attracted me to URI in the first place. My Dad is an electrical engineer, and he tried brainwashing me as a child to become an engineer,” she said with a sly smile. “I tried to ignore him, but in high school I realized that I think like an engineer. I also wanted to study something that would help people, so I picked biomedical engineering.”

Students in the International Engineering Program spend a year abroad studying at a local university and interning at a global company. Schlatter chose to spend her year in San Sebastian, Spain, studying at the University of Navarra and interning at Fatronik Tecnalia, a research company that is developing an emotion detection device.

She described San Sebastian as “a cute little beach city” that somewhat reminded her of home. She was a little nervous about her ability to communicate effectively in Spanish, but she needn’t have worried.

“The people there were surprisingly helpful, and I had a strong background in the language, so everything turned out fine,” she recalled.

Living with students from five other countries also exposed her to a wide range of cultures and recipes, and trips throughout Spain, Portugal, Italy, and Paris completed the experience of a lifetime. During her internship she found herself recruiting volunteers and conducting tests of a device that measures physiological signals and interprets those signals as emotions.

“It was a great experience to be in the business world and see that engineering is similar throughout the world,” said Schlatter, who serves as a Spanish tutor at URI and leads the campus Spanish club. “The business culture is quite different there. The Spanish love their coffee breaks, they’re more relaxed than we are here, and they work a half day on Fridays, but they do work hard.”

One thing she realized from her internship and from a summer job at the Newport Naval Base is that she doesn’t want to spend her career conducting research in a laboratory. “I’m more extroverted,” she said. “I really want to be in an environment where there are plenty of people to talk to. I like the business side of engineering.”

With that in mind, Schlatter is considering enrolling in an MBA program in the near future. And she already has a job lined up as an application sales engineer at The Lee Company, a Connecticut-based engineering company that makes pressure valves and small mechanical components.

She described the job as “working between an engineer and the field sales staff. I’ll have to be able to talk the language of the engineers and also communicate effectively with the clients on the business side,” Schlatter said. “They’re interested in developing more medical applications for their products, which is why they liked my background.”

While she isn’t ready to look too far into the future to imagine where her career may take her, Schlatter knows that she isn’t finished traveling.
Job, research, travel all fall into place for URI student

URI Press Release - Senior Profile, by Todd McLeish

KINGSTON, R.I. – April 26, 2011 – Like many high school students, Patricia Coutts had difficulty deciding what college to attend and what subject to study. But when she finally decided on the University of Rhode Island, she said “everything seemed to fall into place.”

When she graduates on May 22 with degrees in chemical engineering and German, she will depart with research experience, memories of a year spent abroad, and best of all – an excellent job in her field.

“I really enjoyed math and science in high school, and my dad and sister are engineers, but I couldn’t decide on a major,” said the Staatsburg, N.Y., native. “I really wanted to challenge myself and set a high goal, so I finally settled on engineering. And I took German as an elective and loved it, especially since it’s very structured and works well with my math and science mind.”

Coutts enrolled in the URI International Engineering Program, which meant she would spend a year studying in Germany and interning at a global company.

“I had never been abroad before – I haven’t even traveled much in the U.S. – so I was nervous to be far from home in a foreign country where they don’t speak English,” said Coutts, who played varsity field hockey at URI and joined the rugby team before leaving for Germany. “I was skeptical about how well I would do speaking German, but you learn small phrases really fast and you learn to think quickly.”

Her internship was spent outside Munich at Osram Opto Semiconductors, which manufactures semiconductors for the lighting and sensor industries. Her job was to help formulate and test a new chemical coating on the company’s products so they aren’t damaged by the lasers used in the production process.

“It was great to get out of the U.S. and learn in a foreign environment,” she said. “As a native English speaker, I was somewhat of a novelty there, so I was asked to edit scientific papers and emails that had to be in English. It was also a good personal learning experience to live on my own and know that I would have to do everything myself.”

Coutts’ internship wasn’t her only experience conducting engineering research. As a sophomore she worked with Professor Stanley Barnett on a project to build a microbial fuel cell that uses bacteria and the waste stream from the production of biodiesel to generate renewable energy. It was a project she used, in part, to gain experience and confidence in a laboratory environment before her internship in Germany.

With just weeks to go before graduation, Coutts has no worries about finding a job in a challenging economic climate. She was offered a job months ago at Praxair, a Fortune 300 company that supplies gases to a wide variety of industries.

“I went to Houston for the interview, and just a few weeks later they offered me the job,” she said with enthusiasm. “I’ll be going through their year-long training program based in Hatfield, Pennsylvania, where I’ll gain the qualifications necessary for future placement in the company. It’s the fast track for a good position.”

While she said she has no firm plan in mind for her career and family aspirations, Coutts is looking forward to hitting the ground running.

“Like my year abroad, this is going to be a big growing period for me,” she said.
We started 2011, the year of the 5th anniversary of our DB International Club, with the DB Winter Event 2011. For this event we welcomed students and professors from the University of Rhode Island (URI), USA, and DB employees. The URI is one of our international cooperation partners, which already took part in the event in January 2010. Due to our anniversary, we arranged a special Winter Event in 2011 with splitting the event and locating it in two German cities.

We started with a weekend of international socialising in Munich from January 14th to 16th. One highlight was the cooperation with Munich’s local Trainee Club, which made us to discover the city from the local DB perspective. Besides enjoying Bavarian food and the nightlife in Munich, a further highlight was the tour at the ICE Workshop of DB Fernverkehr which ended in a trip, exclusively for us, with an ICE to Munich central station. After that we enjoyed to discover Munich by foot and to learn many insights about the city from James Aslaksen who some of you might remember from an article about his international train and DB experiences in a previous edition of our newsletter.

After the weekend in Munich, we finally had the workshop in Frankfurt am Main January on 18th January with a case study about the design of trains and the challenge to not just consider capacity, but also comfort when working on possible case study solutions.

The case study was presented by Kirk Schöneberg and Stefan Wingenfeld of DB Fernverkehr, who were also judging the teams’ solutions and presentations. Another judge was Friedrike Vollenberg who also shared her trainee experiences with us and her history as an alumna of the University of Braunschweig and the URI.

A final tour at Frankfurt Central Station gave the URI students and DBs the possibility to get to know the 2-S management of DB. The winter event finished with a dinner during which participants could not just enjoy the food and intercultural mingling, but also show what they have learned about Deutsche Bahn by participating in a quiz.

**After these 4 exciting international days at DB, we especially want to thank all participants and all supporters from URI and DB!**
March 8, 2011

David M. Donley
President
University of Rhode Island
Kingston, RI 02881-1303

Dear President Donley,

Thank you for nominating University of Rhode Island for NAFSA’s 2011 Senator Paul Simon Award for Campus Internationalization. We are pleased to inform you that University of Rhode Island has been selected as one of three institutions to receive the 2011 Senator Paul Simon Spotlight Award. As an award recipient, University of Rhode Island will be profiled in the NAFSA report, *Internationalizing the Campus 2011: Profiles of Success at Colleges and Universities*, which will be published in fall 2011. Our writer will be in touch with you soon to learn more about your campus.

After careful deliberation, the 2011 Selection Jury chose your institution from a strong pool of nominees. Please see the enclosed list of 2011 Senator Paul Simon Award recipients and distinguished selection jury members. Institutions selected for a spotlight award demonstrated innovation in a specific international education area, program, or initiative. During their review, the selection jury was especially impressed by the University of Rhode Island’s focus on internationalizing its engineering curriculum.

We would be delighted if you would accept our invitation to participate in a recognition ceremony to be held at the NAFSA annual conference in Vancouver, B.C. during the International Luncheon and Plenary on Friday, June 3, where Arvind Subramanian, CEO and managing director of Manjul Education, will give the plenary address. Information about a special opportunity to invite donors, alumni, and friends in the Vancouver area to join you at the luncheon will be sent to the contact person on your nomination.

NAFSA will issue a press release announcing the recipients of the 2011 Senator Paul Simon Awards on March 15, 2011, which is embargoed until that date. Once the NAFSA announcement is released, we hope you will make your own announcements to your campus, community, local press, and others.

Congratulations on winning a 2011 Simon Spotlight Award.

Sincerely,

Meredith McQuaid
President and Chair of the Board

Meredith M. Johnson
Executive Director and CEO

Co: Sigrid Benka, International Center
URI study tour to Germany provides students with language immersion and cultural, career awareness

KINGSTON, R.I. – February 15, 2011 – For 21 University of Rhode Island students, a 10-day study tour of Germany last month organized by the URI International Engineering Program was an opportunity to explore another culture and get a leg up on others who will soon be entering the global job market.

According to Sigrid Berka, director of the International Engineering Program and organizer of the trip, the students’ adventure included tours of automotive supplier Continental AG, drivetrain technology specialist ZF, power tool manufacturer Hilti Corp., the classic car division of BMW, and railway company Deutsche Bahn. Along the way they also toured a baroque castle, the Technical Museum in Munich, the historic town of Regensburg, and the Hydrology Institute at the University of Stuttgart, a visit set up by URI Geosciences Professor Thomas Boving, who also accompanied the group.

“Speaking German with native speakers really helped my language skills,” said Peter Edwards, a junior from West Greenwich who is studying German and business. “It was a good way to learn and absorb the language. I’m hoping to work internationally, and studying German is a great stepping stone in that direction.”

“The tour was simply too good to pass up,” added Tewksbury, Mass., resident Heidi Dotson, a senior majoring in kinesiology with a minor in German. While surprised at how much she was enjoying her German language classes, Dotson said she was pleased that it helped her to develop a global perspective.

For Richmond resident Jennifer Sullivan, the trip was the perfect opportunity to get her first taste of international travel and to build self-confidence.

“It really forced us to immerse ourselves in the culture and learn fast,” said the senior philosophy major. “It was a good feeling to be able to figure out how to get around in unfamiliar territory, and it was interesting to see how each city was different in a similar way that each city here in the U.S. is different.”

Most of the students pointed to the visits to prominent German companies as the highlight of the trip. “The companies’ presentations gave me tremendous insight on how they operated,” said Edwards. “And we learned what each company’s mission was and how they were achieving their goals. It was a rare insight into a foreign company.”

Dotson agreed, noting that she was particularly pleased to meet young German interns and professionals during the company tours. “I enjoyed making personal connections with my international peers and learning from their experiences,” she said.
The tours of the automakers were especially appealing to several students in the International Engineering Program, which requires students to major in an engineering discipline and a foreign language and spend a year abroad taking classes and interning at a global company.

“URI has a great international engineering program, and in my perspective German cars are some of the highest quality made cars around. That’s why I decided to study mechanical engineering and German, with an interest in the automotive industry,” said freshman Steve Pelletier, a resident of Narragansett.

“The study tour gave me a rare behind-the-scenes view of German engineering companies,” said Matt Hooks, a junior computer engineering major from Charlestown who will spend the next school year studying and interning in Germany.

While many American universities are discontinuing German language courses, the program at URI is thriving, thanks in part to partnerships with the University’s engineering, business and pharmacy programs. About 125 students major in German at URI, most of whom major in another academic discipline as well.

“Studying German has allowed me to expand my job opportunities to Europe,” said Nicholas DaSilva, a sophomore pharmacy major from Rehoboth, Mass. “Since there are many pharmaceutical companies in Germany, it’s no surprise why I took up German. And in a competitive global job market, having the ability to speak another language can really differentiate yourself from other candidates.”

Twenty-one German majors from the University of Rhode Island [including 14 IEP students] took a 10-day tour of Germany last month to explore global internship and job opportunities.
IEP Alumni Meetings in Germany Spring 2011

While traveling in Germany this May, John and Carol Grandin took the opportunity to meet with alumni in both Braunschweig (May 21) and Munich (May 28). These events brought together groups of former Braunschweig students who completed either the engineering MS or the MBA at URI and IEPers, who are now pursuing their careers in Europe. Approximately 25 persons attended each event.

It is rewarding to experience the common bond these former students share with URI and each other, and their enthusiasm about building a permanent URI alumni chapter or chapters in Germany. They enjoy each other and see genuine advantage in networking with fellow alumni who are tied to the automotive, aerospace, health technology, and consulting businesses, among others. They are also enthusiastic about being able to help current and future IEP students.

John was thrilled to meet students he had not seen in several years, as well as recent grads who had landed jobs in Germany associated with some of the world’s most innovative technologies. Loren Eckardt, for example, is laying cable to wind farms in the North Sea; Dan Fischer is an MRI product manager for Siemens Medical Solutions; Jesse Schneider is a key player on BMW’s fuel cell technology team; Joel Karlsberg is working on a new eight-speed transmission for Porsche; Mike Raiche is advancing in his work at MTU, one of Germany’s leading aerospace companies.

With over 500 grads who have participated in the URI/Braunschweig exchange, it is a major effort to keep up with former students. But it is rewarding to do so, and well worth the effort.

The gatherings were sponsored by the IEP and the URI alumni association.