### Agreement Report: 06/30/2014 - 12/31/2014

<table>
<thead>
<tr>
<th>Signature date</th>
<th>Expiration date</th>
<th>Lead faculty</th>
<th>UCSD units(s)</th>
<th>Partner institution</th>
<th>Agreement type</th>
<th>Goal/Objective</th>
<th>Proposed collaborative activities</th>
</tr>
</thead>
</table>
| 07/24/2014     | 07/27/2019      | Francisco Villarreal | Campuswide | Pontificia Universidade Catolica do Rio Grande do Sul, Brazil | MOU            | Cooperation in developing research, academic and cultural activities. | - Exchange of faculty  
- Exchange of post-doctoral scholars  
- Exchange of graduate students  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Special short term programs and visits |
| 07/25/2014     | 08/04/2019      | Margaret Leinen | Scripps Institution of Oceanography | Ocean University of China, China | MOU            | Promote educational and research cooperation by establishing a scholarly exchange program. | - Exchange of faculty  
- Exchange of graduate students  
- Exchange of undergraduate students  
- Joint research projects and publications  
- Joint conferences and workshops |
| 08/08/2014     | 08/08/2019      | Francisco Villarreal | Campuswide | Universidad Autonoma de Baja California, Mexico | MOU            | Cooperation in developing research and other academic and cultural activities. | - Exchange of faculty  
- Exchange of post-doctoral scholars  
- Exchange of graduate students  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Special short term programs and visits |
| 08/11/2014     | 08/10/2019      | William Gerwick | Scripps Institution of Oceanography | Yokohama City University, Japan | MOU            | To further the development of basic scientific and applied research with goals of advancing research in ocean science, gaining a more fundamental understanding of the oceans, and benefiting society at large. | - Exchange of faculty  
- Exchange of post-doctoral scholars  
- Exchange of graduate students  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Joint conferences and workshops  
- Special short term programs and visits |
<table>
<thead>
<tr>
<th>Signature date: 08/11/2014</th>
<th>Goal/Objective:</th>
<th>Signature date: 08/12/2014</th>
<th>Goal/Objective:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 08/10/2021</td>
<td>Collaborate to establish a medical program, a non-medical program, a clerkship program, the development of the Perdana University Centre for Research Excellence, the establishment of the Perdana University Teaching Hospital, the conferment of degrees with the “in collaboration with University of California San Diego Health Sciences” tagline by PU; and centres of excellence in clinical and research, skills training and professional development programs, hospital management and operation and E-health.</td>
<td>Expiration date: 08/12/2019</td>
<td>To foster the development of joint educational and research activities, programs and projects.</td>
</tr>
<tr>
<td>Lead faculty: Mounir Soliman</td>
<td>Proposed collaborative activities:</td>
<td>Lead faculty: Olga Vasquez</td>
<td>Proposed collaborative activities:</td>
</tr>
<tr>
<td>UCSD units(s): Health Sciences</td>
<td>• Joint research projects and publications</td>
<td>UCSD units(s): Division of Social Sciences</td>
<td>• Exchange of faculty</td>
</tr>
<tr>
<td>Partner institution: Perdana University, Malaysia</td>
<td>• Special short term programs and visits</td>
<td>Partner institution: Universidad de los Llanos, Colombia</td>
<td>• Exchange of post-doctoral scholars</td>
</tr>
<tr>
<td>Agreement type: Collaboration</td>
<td></td>
<td>Agreement type: MOU</td>
<td>• Exchange of graduate students</td>
</tr>
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<td>• Exchange of undergraduate students</td>
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<td></td>
<td>• Joint research projects and publications</td>
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<td>• Special short term programs and visits</td>
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<table>
<thead>
<tr>
<th>Signature date: 08/14/2014</th>
<th>Goal/Objective:</th>
<th>Signature date: 08/14/2014</th>
<th>Goal/Objective:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 08/14/2019</td>
<td>Cooperation in scientific and technological exchanges in the fields of nanoelectronics and spintronics to further broaden the experience of graduate students and faculty.</td>
<td>Expiration date: 08/14/2019</td>
<td></td>
</tr>
<tr>
<td>Lead faculty: Eric Fullerton</td>
<td>Proposed collaborative activities:</td>
<td>Lead faculty: Eric Fullerton</td>
<td></td>
</tr>
<tr>
<td>UCSD units(s): Center for Magnetic Recording Research, Center for Advanced Nanoscience</td>
<td>• Exchange of faculty</td>
<td>UCSD units(s): Center for Magnetic Recording Research, Center for Advanced Nanoscience</td>
<td></td>
</tr>
<tr>
<td>Partner institution: The Université Paris-Sud, Orsay, France</td>
<td>• Exchange of post-doctoral scholars</td>
<td>Partner institution: The Université Paris-Sud, Orsay, France</td>
<td></td>
</tr>
<tr>
<td>Agreement type: MOU</td>
<td>• Exchange of graduate students</td>
<td>Agreement type: MOU</td>
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<tr>
<td></td>
<td>• Joint research projects and publications</td>
<td></td>
<td>• Joint conferences and workshops</td>
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<tr>
<td></td>
<td>• Exchange of publications, materials and information</td>
<td></td>
<td>• Special short term programs and visits</td>
</tr>
</tbody>
</table>
| Signature date: 08/28/2014 | **Goal/Objective:** Promote cooperation and exchange in the following fields: automatic demand response technology, wireless communication technology for AMI, disaster response technology, smart grid technology and advanced power control and automation.  
**Proposed collaborative activities:**  
- Exchange of faculty  
- Exchange of post-doctoral scholars  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Joint conferences and workshops  
- Special short term programs and visits |
| Expiration date: 08/27/2019 | Lead faculty: Ramesh Rao  
UCSD units(s): California Institute for Telecommunications and Information Technology  
Partner institution: Korea Electric Power Corporation, South Korea  
Agreement type: MOU |
| Signature date: 10/01/2014 | **Goal/Objective:** Cooperation in scientific and technological exchanges in the fields of mathematics, automatic control and computer science.  
**Proposed collaborative activities:**  
- Exchange of post-doctoral scholars  
- Exchange of graduate students  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Joint conferences and workshops  
- Special short term programs and visits |
| Expiration date: 09/30/2019 | Lead faculty: Miroslav Krstic  
UCSD units(s): Jacobs School of Engineering  
Partner institution: Universite de Lorraine, France  
Agreement type: MOU |
| Signature date: 10/04/2014 | **Goal/Objective:** Cooperation in fundamental research, higher education and any desirable and feasible activity to further the development of academic and cultural exchanges.  
**Proposed collaborative activities:**  
- Exchange of faculty  
- Exchange of post-doctoral scholars  
- Exchange of graduate students  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Special short term programs and visits |
| Expiration date: 10/03/2019 | Lead faculty: Jorge Cortes  
UCSD units(s): Jacobs School of Engineering  
Partner institution: Universitat Politecnica de Catalunya, Spain  
Agreement type: MOU |
| Signature date: 10/28/2014 | **Goal/Objective:** Promote interest in research activities, and knowledge and personnel exchange in industrial technology R&D, especially in the fields of module, sensor, system for industrial safety network and semiconductor design.  
**Proposed collaborative activities:**  
- Exchange of faculty  
- Joint research projects and publications  
- Exchange of publications, materials and information  
- Joint conferences and workshops  
- Special short term programs and visits |
| Expiration date: 10/27/2017 | Lead faculty: Truong Nguyen  
UCSD units(s): Campuswide  
Partner institution: Korea Electronics Technology Institute, South Korea  
Agreement type: MOU |
<table>
<thead>
<tr>
<th>Signature date: 11/10/2014</th>
<th>Goal/Objective: Exchange faculty, students, researchers, common training activities, joint thesis supervision, and joint training and research programs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 11/09/2019</td>
<td><strong>Proposed collaborative activities:</strong> • Exchange of faculty • Exchange of post-doctoral scholars • Exchange of graduate students • Exchange of undergraduate students • Special short term programs and visits</td>
</tr>
<tr>
<td>Lead faculty: Ruben Abagyan</td>
<td><strong>Partner institution:</strong> Universite de Strasbourg/Unistra, France</td>
</tr>
<tr>
<td>UCSD units(s): Skaggs School of Pharmacy and Pharmaceutical Sciences</td>
<td>Agreement type: Collaboration</td>
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<tr>
<th>Signature date: 11/10/2014</th>
<th>Goal/Objective: Establish the framework for a student exchange program.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 11/09/2019</td>
<td><strong>Proposed collaborative activities:</strong> • Exchange of undergraduate students</td>
</tr>
<tr>
<td>Lead faculty: James McKerrow</td>
<td><strong>Partner institution:</strong> Universite de Strasbourg/Unistra, France</td>
</tr>
<tr>
<td>UCSD units(s): Skaggs School of Pharmacy and Pharmaceutical Sciences</td>
<td>Agreement type: Collaboration</td>
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</tbody>
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<thead>
<tr>
<th>Signature date: 11/10/2014</th>
<th>Goal/Objective: Establish a framework for exchange of doctoral students and joint research activities.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 11/09/2019</td>
<td><strong>Proposed collaborative activities:</strong> • Exchange of post-doctoral scholars • Exchange of graduate students</td>
</tr>
<tr>
<td>Lead faculty: Palmer Taylor</td>
<td><strong>Partner institution:</strong> Universite de Strasbourg/Unistra, France</td>
</tr>
<tr>
<td>UCSD units(s): Skaggs School of Pharmacy and Pharmaceutical Sciences</td>
<td>Agreement type: Collaboration</td>
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<tr>
<th>Signature date: 11/10/2014</th>
<th>Goal/Objective: Strengthen higher education and research relationships between the parties.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expiration date: 11/09/2019</td>
<td><strong>Proposed collaborative activities:</strong> • Exchange of publications, materials and information</td>
</tr>
<tr>
<td>Lead faculty: Kathryn Nguyen</td>
<td><strong>Partner institution:</strong> Universite de Strasbourg/Unistra, France</td>
</tr>
<tr>
<td>UCSD units(s): Skaggs School of Pharmacy and Pharmaceutical Sciences</td>
<td>Agreement type: Collaboration</td>
</tr>
<tr>
<td>Signature date: 11/13/2014</td>
<td>Goal/Objective: Foster collaboration in areas of common interest in medicine with the goal of participating in academic, scientific and research activities.</td>
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<tr>
<td><strong>Expiration date</strong>: 12/31/2019</td>
<td><strong>Proposed collaborative activities:</strong></td>
</tr>
<tr>
<td><strong>Lead faculty</strong>: Maria Savoia</td>
<td>• Exchange of faculty</td>
</tr>
<tr>
<td><strong>UCSD units(s)</strong>: Health Sciences</td>
<td>• Exchange of post-doctoral scholars</td>
</tr>
<tr>
<td><strong>Partner institution</strong>: Taipei City Hospital, Taiwan</td>
<td>• Joint research projects and publications</td>
</tr>
<tr>
<td><strong>Agreement type</strong>: MOU</td>
<td>• Exchange of publications, materials and information</td>
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<td></td>
<td>• Joint conferences and workshops</td>
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<thead>
<tr>
<th>Signature date: 11/21/2014</th>
<th>Goal/Objective: Develop research cooperation in marine science and technology, including investigation, joint observations, and research on issues of oceanography, meteorology, climate change impacts, ecology, and other relevant fields.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expiration date</strong>: 11/20/2019</td>
<td><strong>Proposed collaborative activities:</strong></td>
</tr>
<tr>
<td><strong>Lead faculty</strong>: Eric Terrill</td>
<td>• Joint research projects and publications</td>
</tr>
<tr>
<td><strong>UCSD units(s)</strong>: Scripps Institution of Oceanography</td>
<td>• Special short term programs and visits</td>
</tr>
<tr>
<td><strong>Partner institution</strong>: Ministry of Natural Resources and Environment, Vietnam</td>
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<tr>
<td><strong>Agreement type</strong>: MOU</td>
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</tbody>
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<tr>
<th>Signature date: 12/16/2014</th>
<th>Goal/Objective: Facilitate research, data exchange and dissemination of research between the participating institutions with the goal of understanding the geochemistry and evolution of mantle sources of the East African Rift System.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expiration date</strong>: 12/15/2016</td>
<td><strong>Proposed collaborative activities:</strong></td>
</tr>
<tr>
<td><strong>Lead faculty</strong>: David Hilton</td>
<td>• Joint research projects and publications</td>
</tr>
<tr>
<td><strong>UCSD units(s)</strong>: Scripps Institution of Oceanography</td>
<td>• Exchange of publications, materials and information</td>
</tr>
<tr>
<td><strong>Partner institution</strong>: Republic of Uganda, Uganda</td>
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<tr>
<td><strong>Agreement type</strong>: MOU</td>
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<thead>
<tr>
<th>Signature date: 12/31/2014</th>
<th>Goal/Objective: Explore possibilities for collaboration in education and research, including but not limited to mobile computing, wearable computing, healthcare, telemedicine, embedded systems, distributed computing, cloud computing, water purification, entrepreneurship programs, rapid prototyping (FAB Labs), renewable and sustainable energy, and waste management.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expiration date</strong>: 12/30/2019</td>
<td><strong>Proposed collaborative activities:</strong></td>
</tr>
<tr>
<td><strong>Lead faculty</strong>: Rajesh Gupta; Jay Kunin</td>
<td>• Joint research projects and publications</td>
</tr>
<tr>
<td><strong>UCSD units(s)</strong>: Jacobs School of Engineering</td>
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