

National Science Foundation
 Industry / University Cooperative Research Centers
2011 NSF I/UCRC Annual Meeting
 January 12 – 14, 2011
 Key Bridge Marriott, Arlington, VA

Agenda
9 January 2011

Objectives

- I. Provide a forum for NSF, I/UCRC Directors, Evaluators, Operations Staff, and other I/UCRC stakeholders to interact and exchange information and ideas about best practices, and common challenges and opportunities
- II. Afford NSF the opportunity to brief and get feedback from the I/UCRCs on program-related issues and information, including the I/UCRC's role in integrative discovery and innovation and the program's new data reporting and retrieval system
- III. Facilitate peer exchange on technical and management issues and promote increased collaboration and cooperation among Centers
- IV. Impart I/UCRC experiences with and opportunities for successful tech transfer and commercialization, and global cooperative research

Wednesday, January 12, 2011

<p>2:00pm – 4:00pm</p> <p>Capital View Ballroom, 14th Floor</p>	<p>Bootcamp for Center Start-Ups (Part 1): From Successful Planning Grant to Center Launch</p> <p><i>This session is designed for (potential) planning grantees, but all Annual Meeting attendees are welcome. Pre-registration is requested.</i></p> <p><u>Rathindra (Babu) DasGupta</u>, I/UCRC Program Director, NSF ENG/IIP</p> <p><u>Denis Gray</u>, NSF I/UCRC Evaluator, North Carolina State University</p> <p><u>Alex Schwarzkopf</u>, Consultant, NSF ENG/OAD</p> <p><u>Eric Sundstrom</u>, NSF I/UCRC Evaluator, University of Tennessee Knoxville</p> <p>The planning grant meeting is integral to a Center's successful launch, and what needs to happen before and after the meeting is no less important than the meeting itself. Seasoned NSF I/UCRC staff and Evaluators will explain the purpose of the meeting and its key elements, and, using two case studies, will provide detailed information and advice on how to prepare for a successful outcome.</p> <p>Case Study I: <u>Suresh Babu</u>, Director, Center for Integrative Joining of Materials for Energy Applications, The Ohio State University</p> <p>Case Study II: <u>Michael Kaufman</u>, Co-Director, Center for Advanced Non-</p>
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	Ferrous Structural Alloys, Colorado School of Mines, and <u>Peter Collins</u> , Co-Director, University of North Texas
4:00 – 4:15pm	Break , Capital View Ballroom Foyer
4:15 – 5:15pm Capital View Ballroom, 14 th Floor	<p>New Data Reporting and Retrieval System: Overview and Training Session <u>Tiffany Sargent</u>, AAAS Science and Technology Policy Fellow, NSF ENG/IIP</p> <p><u>Katherine Bearden</u>, SCEP Program Specialist, NSF ENG/IIP</p> <p><i>Note: This session is geared towards Site Directors and Center Directors. Operations personnel will have their own pre-session on this topic at 8:00am Thursday morning.</i></p> <p>NSF has historically collected data about I/UCRCs by Center and Site Directors through the use of spreadsheets that were combined into an annual I/UCRC report for NSF. NSF is upgrading its I/UCRC data collection process with the use of an online software tool. This custom developed tool was based upon input collected during the last annual meeting during the Metrics breakout session around how best to collect data and what data best represent the I/UCRC program. This session will provide critical training on how to enter the required data that each Site Director will need to input to insure his I/UCRC Site remains in good standing with the NSF program</p>
5:15 – 6:30pm	Hospitality and Light refreshments , Capital View Ballroom Foyer, 14 th Floor

Thursday, January 13, 2011

7:30am – 9:00am	Registration Check-in, Breakfast, and Attendee Services , Potomac Ballroom Foyer, Lobby Level
8:00 – 9:30am Potomac Salons BC Washington Room, Third Floor	<p>Pre-Sessions</p> <p><u>Supplemental Funding Options at NSF (optional)</u> <u>Mary Poats</u>, Program Manager, NSF ENG/EEC</p> <p>This ever-popular session will describe various supplemental funding opportunities at NSF that are relevant to the I/UCRCs</p> <p><u>Evaluator Meeting</u> <u>Eric Sundstrom</u>, NSF I/UCRC Evaluator, University of Tennessee</p> <p><u>Denis Gray</u>, NSF I/UCRC Evaluator, North Carolina State University</p>

<p>Potomac Salon D</p>	<p>Evaluator research forum: Research agenda. Research briefs from the I/UCRC Evaluation Project on (3) current projects: I/UCRC impacts; I/UCRC Directors' careers & human capital; graduated I/UCRC success factors</p> <p><u>Pre-Session for Operations</u> <u>Jena Slocum</u>, CHREC Coordinator, University of Florida, Facilitator</p> <p>NSF has historically collected data about I/UCRCs by Center and Site Directors through the use of spreadsheets that were combined into an annual I/UCRC report for NSF. NSF is upgrading its I/UCRC data collection process with the use of an online software tool. This custom developed tool was based upon input collected during the last annual meeting during the Metrics breakout session around how best to collect data and what data best represents the I/UCRC program. This session will provide critical training on how to enter the required data that each Site Director will need to input to insure his I/UCRC Site remains in good standing with the NSF program</p> <p><u>Tiffany Sargent</u>, AAAS Science and Technology Policy Fellow, NSF ENG/IIP</p> <p><u>Katherine Bearden</u>, SCEP Program Specialist, NSF ENG/IIP</p>
<p>9:30 – 9:45am</p>	<p>Break, Potomac Ballroom Foyer</p>
<p>9:45 –11:00am</p> <p>Potomac Ballroom</p>	<p>Plenary Session 1</p> <p>NSF Perspective on Integrative Discovery and Innovation: The I/UCRC's Role</p> <p>Welcome and Announcements <u>Ann Becker</u>, President, Ann Becker and Associates, Inc.</p> <p><u>Jean Feldman</u>, Head, Policy Office, Division of Institution and Award Support (DIAS), Office of Budget, Finance, and Award Management (BFA), NSF</p> <p><u>Kesh Narayanan</u>, Division Director, ENG/IIP, NSF</p> <p><u>Rathindra (Babu) DasGupta</u>, Lead I/UCRC Program Director, ENG/IIP, NSF</p> <p><u>Rita Rodriguez</u>, Program Director, Division of Computer and Network Systems (CNS), CISE/OAD, NSF</p>
<p>11:00 – 11:30am</p>	<p>Break, Potomac Ballroom Foyer</p> <p>Help Desk for the New Data Reporting and Retrieval System <u>Tiffany Sargent</u>, <u>Katie Bearden</u>, and <u>Kevin Simmons</u>, Einstein Fellow, NSF ENG/IIP</p>

<p>11:30am – 12:30pm</p> <p>Capital View Ballroom, 14th Floor</p> <p>Washington Room, 3rd Floor</p>	<p>Meet, Stay, Rove: Extreme Networking <u>Ann Becker</u>, Facilitator</p> <p>Note: <i>This session is for all prospective, planned, or current I/UCRC Directors (including co- and site) and for Operations personnel, but only the former group needs to pre-register</i></p> <p>A lively, interactive networking event to share big research ideas or directions, ask questions and share best practices, and identify and jumpstart potential opportunities for collaboration</p> <p>Electronic Evaluation for Evaluators <u>Tiffany Sargent</u> and <u>Katie Bearden</u></p> <p>Thanks to recent advancements, Evaluators will be able to see a demonstration of the online evaluation / database tool developed for their use at the IAB meetings. This online tool will replace the annual reports that are currently required from all Center Evaluators</p>
<p>12:30 -2:00pm</p> <p>Capital View Ballroom, 14th Floor</p>	<p>Lunch and Presentation of the 2011 Alexander Schwarzkopf Prize for Technological Innovation <u>Sayfe Kiaej</u>, Chair, I/UCRC Directors Association; Director, Connection One, Arizona State University; and Associate Dean for Research and Graduate Programs, Ira A. Fulton Schools of Engineering</p>
<p>2:00 – 3:30pm</p> <p>[Room name]</p> <p>[Room name]</p>	<p>Concurrent Breakouts for All</p> <p>Successful MUC Site Marriages: Integrating and Maintaining New Site Relations <u>Jena Slocum</u>, Moderator</p> <p>Directors of successful multi-university centers will share the how-tos they learned for overcoming these specific MUC challenges: absorbing new sites, collaboratively recruiting new members, and maintaining positive relations between sites</p> <p>Membrane Science, Engineering, and Technology (MAST) Center <u>Alan Greenberg</u>, Director, University of Colorado <u>Kamalesh Sirkar</u>, Director, New Jersey Institute of Technology</p> <p>Connection One <u>Sayfe Kiaej</u>, Director, Arizona State University <u>John Volakis</u>, Co-Director, The Ohio State University</p> <p>Enhancing Student Benefits and Outcomes: An Alumni Perspective <u>Denis Gray</u>, and <u>Craig Scott</u>, NSF I/UCRC Evaluator, University of Washington, Co-Moderators</p> <p>Students are undoubtedly one of an I/UCRC's greatest assets and</p>

	<p>outputs. Centers can boost their capabilities by attracting the best and the brightest, and benefit their members by providing them with graduates with enhanced formal and informal educational experiences. A panel comprised of highly successful I/UCRC alumni will discuss how their careers were shaped by their I/UCRC experience, and strategies for augmenting student-related success stories</p> <p><u>Nick Antolino</u>, Materials Scientist, GE Global Research <u>Mark Kimber</u>, Assistant Professor, University of Pittsburgh <u>Kelly Faddis</u>, Program Manager - Identity Intelligence R&D, U.S. Government (<i>Invited</i>)</p> <p>Role of IAB Meetings in Member Relations <u>Vida Scarpello</u>, NSF I/UCRC Evaluator, University of Florida, Moderator</p> <p>Interactions with and feedback from members during bi-annual IAB meetings are critical to center success. However, over the past several years, some (but not all) centers have seen IAB attendance decline, sometimes dramatically. A panel of directors who have been able to maintain high attendance and effective interaction at IAB meetings will discuss strategies for revitalizing this fundamental component of the I/UCRC model</p> <p><u>Jose Fortes</u>, Director, Center for Autonomic Computing (CAC), University of Florida <u>Alan George</u>, Director, Center for High-Performance Reconfigurable Computing (CHREC), University of Florida <u>John Huggins</u>, Director, Berkeley Sensor & Actuator Center (BSAC), University of California, Berkeley</p>
[Room name]	<p>I/UCRC Strategic Planning: Lessons Learned and Current Strategy at the Center for Child Injury Prevention Studies (CChIPS) <u>Eric Sundstrom</u>, NSF I/UCRC Evaluator, University of Tennessee, Moderator</p> <p><u>Flaura Koplín Winston</u>, Director, CChIPS, The Children's Hospital of Philadelphia <u>John Combest</u>, Nissan Technical Center North America, Inc., and the CChIPS outgoing IAB Chair <u>Ken Wittenauer</u>, Britax Child Safety, Inc., and the CChIPS incoming IAB Chair</p> <p>Key to success for an I/UCRC, a long-term strategy can guide research agenda, member recruitment & retention, university relationships, and more. In this session the Director and incoming and outgoing Industrial Advisory Board chairs describe how the Center developed its strategy, lessons learned, and strategic planning for the future based on a Logic Model.</p>

3:30 - 4:00pm	<p>Break, Potomac Ballroom Foyer, Lobby Level</p> <p>Help Desk for the New Data Reporting and Retrieval System <u>Tiffany Sargent</u>, <u>Katie Bearden</u>, and <u>Kevin Simmons</u></p>
4:00 – 5:15pm Potomac Ballroom	<p>Plenary Session 2</p> <p>Promoting and Capitalizing on Knowledge / Technology Transfer and Commercialization <u>Larry Hornak</u>, I/UCRC Program Director, ENG/IIP, NSF, Facilitator</p> <p>Transfer of Center-derived knowledge and technology to member companies and successful commercialization is critical to retention and recruitment of members and continuing government support. However, transfer often requires a center to do more than just "good research." A panel comprised of directors and industry representatives will describe specific technology transfer "success stories" and the proactive steps center actors (including PIs, tech transfer office, firm representatives, etc.) took to insure transfer happened. Implications for member recruitment and retention will also be discussed</p> <p><u>Salim Hariri</u>, Site Director, Center for Autonomic Computing (CAC), University of Arizona <u>Gil Hawkins</u>, (Ret.) Member of the Berkeley Sensor and Actuator Center (BSAC), Kodak <u>Ken Swartzel</u>, Founding Director and Consultant to CAPPS, Co-Site Director of CBERD, North Carolina State University</p>
5:15 – 7:00pm Capital View Ballroom Foyer, 14 th Floor	<p>Annual Reception with a View</p> <p>The Social Hours</p> <p>Posters from the Class of 2010</p> <p>Dinner on your own</p>

Friday, January 14, 2011

7:30 – 8:30am	<p>Breakfast and Attendee Services, Potomac Ballroom Foyer, Lobby Level</p> <p>Posters from the Class of 2010</p> <p>Help Desk for the New Data Reporting and Retrieval System <u>Tiffany Sargent</u>, <u>Katie Bearden</u>, and <u>Kevin Simmons</u></p>
8:30 – 9:30am	Plenary Session 3

<p>Potomac Ballroom, Lobby Level</p>	<p>Cooperative Research: A Global Perspective <u>D. Joseph (Joe) Mook</u>, Program Manager, NSF OISE / East Asia Pacific Region</p> <p>A panel comprised of representatives from non-U.S. universities / agencies and I/UCRC directors with international partnering experience will address these questions: How do cooperative research initiatives operate outside the U.S.? To what extent do they look and operate like I/UCRCs? What strategies and practices have other I/UCRC Directors used to build robust and effective research partnerships with non-U.S. universities and research centers? What are the benefits of such collaborations to the participating countries?</p> <p><u>Wilson McGarel</u>, Director, QUESTOR Center, Queen's University, Belfast <u>Ponisseril Somasundaran</u>, Director, Center for Particulate and Surfactant Systems, Columbia University <u>Jay Lee</u>, Director, Center for Intelligent Maintenance Systems, University of Cincinnati</p>
<p>9:30 – 11:00am Potomac Ballroom Foyer (121)</p>	<p>Break and Help Desk for the New Data Reporting and Retrieval System <u>Tiffany Sargent</u>, <u>Katie Bearden</u>, and <u>Kevin Simmons</u></p>
<p>10:00 – 11:00am TBD Onsite Washington Room, 3rd Floor Potomac Salon D</p>	<p>Director Roundtables, and Evaluator and Operations Breakouts</p> <p>Roundtables</p> <ul style="list-style-type: none"> ♦ Bootcamp for Center Start-Ups (Part 2): No Such Thing as a Dumb Question – <i>Babu and Alex</i> ♦ Working with small business members – <i>Alan Greenberg</i> ♦ Marketing and Recruitment – <i>LaRue Williams</i>, Director, Homeland Security Programs at West Virginia University, and Program Manager & Program Development for NSF I/UCRC - CITeR ♦ International opportunities – <i>Joe Mook</i> and <i>George Rozgonyi</i> ♦ Proposal preparation – <i>Larry Hornak</i> ♦ Convene technical topics on your own <p>Evaluators Breakout <u>Eric Sundstrom</u>, Facilitator</p> <p>Update on evaluator role and responsibilities. Report from the 2009 -10 Center Structure Database. Plans for the June 9 - 10, 2011, NSF I/UCRC Evaluators' Meeting: Preview & selection of topics & presenter teams.</p> <p>Operations Breakout: Update and Interactive Demonstration of Web Management Tools Created by the Center for Friction Stir Processing <u>Jena Slocum</u>, Moderator</p>

	<p>Note: <i>This session will be interactive as we demonstrate the use of the tools, so <u>please bring a laptop if you can</u>. Depending on how many are needed, the hotel may be able to provide laptops as well</i></p> <p>The Center for Friction Stir Processing (CFSP), with support from NSF, has developed a set of policies, practices, and procedures which may be of benefit to I/UCRC operations personnel. This presentation will cover the latest developments since the last I/UCRC meeting in the I/UCRC Web Management Tools including community features of the tools repository, site customization, and report generation</p> <p><u>Christopher Amert</u>, Graduate Student, CFSP, South Dakota School of Mines and Technology <u>Janis Terpenney</u>, Program Director, Division of Undergraduate Education, EHR / DUE, NSF (On leave as Director of the Center for e-Design, Virginia Tech)</p>
11:00 – 11:15am	Transition Break , Potomac Ballroom Foyer
11:15am – 12:15pm Potomac Ballroom, Lobby Level	<p>Wrap-Up Session <u>Eric Sundstrom</u> and <u>Ann Becker</u>, Co-Facilitators</p> <p>Brief highlights from Thursday’s four concurrent breakout sessions, "burning questions" on any aspect of the I/UCRC Program, submitted by you after the Friday morning plenary, and discussion from the floor will round out the 2011 Annual Meeting and set the stage for a productive and rewarding New Year</p> <p>Babu DasGupta will reveal an important future opportunity for I/UCRCs</p> <p>Be present and have a chance to win a complimentary registration to the 2012 NSF I/UCRC Annual Meeting, January 11 – 13, 2012!</p>
11:30am	Brown bag lunches to go , Potomac Ballroom Foyer
12:30pm – 1:30pm Potomac Salon D, Lobby Level	<p>I/UCRC Directors Association Meeting <u>Sayfe Kiaei</u>, Chair</p>