### List of 2015-2016 Seed Grant Recipients

<table>
<thead>
<tr>
<th>PI and Co-PIs</th>
<th>College and Department</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christine Hartzell</td>
<td>ENGR-Aerospace Engineering</td>
<td>The Statistics of Clumps, Spires and Dust on Comet 67P/ Churyumov-Gerasimenko</td>
</tr>
<tr>
<td>Jessica Sunshine</td>
<td>CMNS-Astronomy</td>
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<tr>
<td>Silvina Matysiak</td>
<td>ENGR-Bioengineering</td>
<td>Exploration of Allosteric Communication Pathways in Bira Protein</td>
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<tr>
<td>Dorothy Beckett</td>
<td>CMNS-Chemistry and Biochemistry</td>
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<tr>
<td>Brenda Jones-Harden</td>
<td>EDUC-Human Development and Quantitative Methods</td>
<td>Biological and Behavioral Sequelae Of Stress During The Perinatal Period (BSP2)- An Investigation of Low-Income African American Women and Their Young Infants</td>
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<tr>
<td>Natalie Slopen</td>
<td>SPHL-Epidemiology and Biostatistics</td>
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<tr>
<td>Kathryn Lafrenz-Samuels</td>
<td>BSOS-Anthropology</td>
<td>Carbon Footprints of World Heritage</td>
</tr>
<tr>
<td>Klaus Hubacek</td>
<td>BSOS-Geographical Sciences</td>
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<tr>
<td>Marcy Rockman</td>
<td>National Park Service</td>
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<tr>
<td>Piya Pal</td>
<td>ENGR-Electrical and Computer Engineering</td>
<td>High Dimensional Signal Processing for Representation and Inferencing from Fusion of Hyperspectral and Lidar Data</td>
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<tr>
<td>Anu Swatantran</td>
<td>BSOS-Geographical Sciences</td>
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<tr>
<td>Elizabeth Quinlan</td>
<td>CMNS-Biology</td>
<td>Translation of In Situ Zymography to Real Time in Vivo Imaging to Explore the Roll of Matrix Metalloproteinase-9 (MMP-9) Activity in the Recovery from Amblyopia</td>
</tr>
<tr>
<td>Yu Chen</td>
<td>ENGR-Bioengineering</td>
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</tr>
<tr>
<td>Name</td>
<td>Department/Program</td>
<td>Project Title</td>
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<tr>
<td>Cassandra Swett</td>
<td>AGNR-Plant Sciences and Landscape Architecture</td>
<td>Symbioses Between Insect and Fungal Pathogen Communities in an Agricultural Landscape and Application in Sustainable Disease Management</td>
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<tr>
<td>Kelly Hamby</td>
<td>CMNS-Entomology</td>
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<tr>
<td>Kate Tully</td>
<td>AGNR-Plant Sciences and Landscape Architecture</td>
<td>Rising Sea Level Effects on Plant Nutrient Interactions at a Novel Boundary Between Tidal Marsh and Chicken Farm</td>
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<tr>
<td>Keryn Gedan</td>
<td>CMNS-Biology</td>
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<tr>
<td>Thomas Jordan</td>
<td>Smithsonian Environmental Research Center</td>
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<tr>
<td>Andrea Wiggins</td>
<td>INFO-Information Studies</td>
<td>Climate-Related and Data Provenance: Evaluating Coupled Boundary Objects for Science, Innovation, and Decision-Making</td>
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<tr>
<td>Melissa Kenney</td>
<td>CMNS-Earth System Science Interdisciplinary Center</td>
<td>Making the Costs of Data Sharing More Salient</td>
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<tr>
<td>Michelle Mazurek</td>
<td>CMNS-Computer Science</td>
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<tr>
<td>Jennifer Golbeck</td>
<td>INFO-Information Studies</td>
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<tr>
<td>William Rand</td>
<td>BMGT-Marketing</td>
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<tr>
<td>Marina Leite</td>
<td>ENGR- Materials Science and Engineering</td>
<td>Metallic Nanostructures With Tunable Optical Response for Solar Cells Applications</td>
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<tr>
<td>Lourdes Salamanca-Riba</td>
<td>ENGR- Materials Science and Engineering</td>
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<tr>
<td>Kalyani Chadha</td>
<td>JOUR - Merrill College of Journalism</td>
<td>Misogyny Online: Forms, Implications and Consequences</td>
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<tr>
<td>Linda Steiner</td>
<td>JOUR - Merrill College of Journalism</td>
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<tr>
<td>Jessica Vitak</td>
<td>INFO - Information Studies</td>
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<tr>
<td>Willow Lung-Amam</td>
<td>ARCH -Urban Studies and Planning Program</td>
<td>Right To Suburbia: Redevelopment and Resistance On The Urban Edge</td>
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<tr>
<td>Katrin Anacker</td>
<td>George Mason University</td>
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<tr>
<td>Kanisha Bond</td>
<td>BSOS - Government and Politics</td>
<td>Multilevel Networks and the Takfîr Movement in Lebanon, 1990-2014</td>
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<tr>
<td>Lorien Jasny</td>
<td>CMNS - National Socio-Environmental Synthesis Center</td>
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<tr>
<td>Faten Ghosn</td>
<td>University of Arizona</td>
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<tr>
<td>Marian Moser Jones</td>
<td>SPHL - Family Science</td>
<td>Writing on Duty: A Textual and Historical Analysis of American World War I Nurses’ Diaries</td>
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<tr>
<td>Jonathan Auerbach</td>
<td>ARHU - English</td>
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<tr>
<td>Name</td>
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<tr>
<td>Sally Simpson</td>
<td>BSOS - Criminology and Criminal Justice</td>
<td>Gender In the Boardroom and Corporate Crime: An Empirical Study</td>
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<tr>
<td>Debra Shapiro</td>
<td>BMGT - Management and Organization</td>
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<td>Christine Beckman</td>
<td>BMGT - Management and Organization</td>
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<tr>
<td>Sarah Oates</td>
<td>JOUR - Merrill College of Journalism</td>
<td>Building a Voter Intelligence Dashboard: Applying Social Media Brand Metrics to Political Campaigns</td>
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<tr>
<td>Wendy Moe</td>
<td>BMGT - Management and Organization</td>
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<tr>
<td>Kris Marsh</td>
<td>BSOS - Sociology</td>
<td>Subclinical Level Anxiety, Depression Symptoms and the Stigma of Aging Single Among Middle Class Black Women</td>
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<tr>
<td>Mia Smith-Bynum</td>
<td>SPHL - Family Science</td>
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<tr>
<td>Rashawn Ray</td>
<td>BSOS - Sociology</td>
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<tr>
<td>Ruth Zambrana</td>
<td>ARHU – Women’s Studies</td>
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<tr>
<td>Lauren Porter</td>
<td>BSOS-Criminology and Criminal Justice</td>
<td>Racial Stereotypes, Neuro-Psychological Responses, and Criminal Punishment</td>
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<td>Brian Johnson</td>
<td>BSOS-Criminology and Criminal Justice</td>
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<tr>
<td>Will Kalkhoff</td>
<td>Kent State University</td>
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<tr>
<td>Mona Mittal</td>
<td>SPHL - Family Science</td>
<td>Maternal Intimate Partner Violence Victimization and Immune Activation in Women and Children in Tanzania</td>
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<tr>
<td>Natalie Slopen</td>
<td>SPHL - Epidemiology and Biostatistics</td>
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<td>Jing Zhang</td>
<td>SPHL - Epidemiology and Biostatistics</td>
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<tr>
<td>Audra Buck-Coleman</td>
<td>ARHU - Art</td>
<td>Sticks and Stones at UMD</td>
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<td>Rashawn Ray</td>
<td>BSOS - Sociology</td>
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<tr>
<td>Amy Lewin</td>
<td>SPHL - Family Science</td>
<td>A Cost-Effectiveness Analysis of an Innovative Care Model for Teen Parent Families</td>
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<tr>
<td>Michel Boudreaux</td>
<td>SPHL - Health Services Administration</td>
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<tr>
<td>Jie Chen</td>
<td>SPHL - Health Services Administration</td>
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<tr>
<td>Johanna Birnir</td>
<td>BSOS - Government and Politics</td>
<td>The Causes and Consequences of Gender Roles Across Cultures and Within a Person</td>
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<tr>
<td>David Waguespack</td>
<td>BMGT - Management and Organization</td>
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</table>

The ADVANCE Program for Inclusive Excellence is funded by a grant from the National Science Foundation in partnership with the University of Maryland, College Park.