Research Networking 2017 Attendees

**Associate Deans**

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
<th>Topic/Research Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larry Howell - Engineering and Technology</td>
<td><a href="mailto:lhowell@byu.edu">lhowell@byu.edu</a></td>
<td>801-422-8037</td>
<td>Interdisciplinary Research Seed Grants</td>
</tr>
<tr>
<td>Eric Jellen - Life Sciences</td>
<td><a href="mailto:rick_jellen@byu.edu">rick_jellen@byu.edu</a></td>
<td>801-422-7279</td>
<td>Chromosomal Genetics in Plants</td>
</tr>
<tr>
<td>Tina Dyches - Education</td>
<td><a href="mailto:tina_dyches@byu.edu">tina_dyches@byu.edu</a></td>
<td>801-422-5045</td>
<td>Families Raising Children with Disabilities</td>
</tr>
</tbody>
</table>

**College of Physical and Mathematical Sciences**

**Chemistry and Biochemistry**

- Josh Andersen: jandersen@chem.byu.edu | 801-422-7193 | Cancer
- Daniel Mortensen: damort@chem.byu.edu | 801-422-7123 | Biological Mass Spectrometry
- Rebecca Sansom: rsansom@chem.byu.edu | 801-422-9089 | Improving success and retention in general chemistry.
- Matthew Linford: mrlinford@chem.byu.edu | 801-422-1524 | Material synthesis and characterization including analysis of the resulting data
- James Moody: jmoody@chem.byu.edu | 801-422-6272 | Protein Engineering Advances Scientific Discovery
- Pam Van Ry: pvanry@chem.byu.edu | 801-422-0132 | Protein Therapies for Muscular Dystrophy

**Computer Science**

- Jacob Crandall: crandall@cs.byu.edu | 801-422-7655 | How machines win friends and influence people
- Casey Deccio: casey@byu.edu | 801-422-5319 | Computer Network Protocol Anti-Abuse

**Geology**

- Greg Carling: greg.carling@byu.edu | 801-422-2622 | Hydrogeology, water quality

**Mathematics**

- Ben Webb: bwebb@mathematics.byu.edu | 801-422-2336 | Model of Complex Systems, e.g. Technological, Biological, and Social Networks
- Jared Whitehead: whitehead@mathematics.byu.edu | 801-422-2131 | Applied mathematics

**Statistics**

- Richard Warr: warr@stat.byu.edu | 801-422-9393 | Multi-state stochastic/statistical models and Bayesian methodologies.

**David O. McKay School of Education**

**Counseling Psychology and Special Education**

- Cade Charlton: cade_charlton@byu.edu | 801-422-1238 | Enhancing the Implementation of Empirically Supported Practices in Schools
- Terisa Gabrielsen: terisa_gabrielsen@byu.edu | 801-422-5055 | Autism
- Ryan Kellems: rkellem@byu.edu | 801-422-6674 | iAnimate: Exploring the Use of Animation and Augmented Reality in Educational Settings
- Mary Anne Prater: prater@byu.edu | 801-422-1592 | Instructional strategies for students with high incidence disabilities
Science, Technology, Engineering, Arts, and Mathematics (STEAM) in a K-12 education Research-Practice Partnership and the possibilities in making adaptations to existing curriculum.

Ira A. Fulton College of Engineering and Technology

Chemical Engineering
Morris Argyle  mdargyle@byu.edu  801-422-6239  Heterogeneous Crystals, plasma reactions, energy
Lon Cook  cook@byu.edu  801-422-1611  Biomedical
Andrew Fry  afry@byu.edu  801-422-6235  Combustion and Electric Power Production
John Hedengren  john.hedengren@byu.edu  801-477-7341  Scientific Python (Modeling, Data Analytics, Optimization)
Randy Lewis  randy.lewis@byu.edu  801-422-7863  Biomedical and Biochemical Engineering
Bill Pitt  pitt@byu.edu  801-422-2589  Biomedical Engineering
Douglas Tree  tree.doug@byu.edu  801-422-5162  Soft materials and Complex Fluids, focus on theory and computation

Construction and Facilities Management
James Smith  james.smith@byu.edu  801-422-2023  Building trust through collaborative interdisciplinary project delivery.

Electrical and Computer Engineering
Greg Nordin  nordin@byu.edu  801-422-1863  3D printing for microfluidics for biosensing
Kenneth Bradshaw  kenneth.bradshaw@byu.edu  801-422-4383  Hardware of MRI systems
David Long  long@ee.byu.edu  801-422-4383  Microwave remote sensing, radar, signal processing, glaciers, sea ice, ocean wind, soil moisture

Mechanical Engineering
Jon Blotter  jblotter@byu.edu  801-422-7820  Structural dynamics, vibration, and acoustics
Eric Homer  eric.homer@byu.edu  801-422-4462  Materials Science, grain boundary structure-property relationships
Troy Munro  troy.munro@byu.edu  801-422-6541  Mechanical Engineering/nuclear energy

School of Technology
Manufacturing Engineering Technology
Jason Weaver  jason_weaver@byu.edu  801-422-1778  Additive manufacturing (3D printing) and desktop fabrication.
Yuri Hovanski  yuri.hovanski@byu.edu  801-422-7858  Dissimilar materials joining and smart, connected processing

College of Humanities

Spanish and Portuguese
Anna-Lisa Halling  anna-lisa_halling@byu.edu  801-422-1759  Spanish & Portuguese
Berenice Ventura  bereventura@gmail.com  801-422-3455  Translation as rewriting and recreation.
Cherice Montgomery  cherice_montgomery@byu.edu  801-422-3465  World Language Education (specifically, issues related to literacy, pedagogy, project-based language learning, professional development, and 21st century skills)
Comparitive Arts and Letters
Julie Allen julie_allen@byu.edu 801-422-7891 Circulation of European Silent Cinema

English
John Bennion john_bennion@byu.edu 801-422-3419 Outdoor Writing Programs; How writing affects reflection in outdoor programs

Philosophy
Katie Paxman katie_paxman@byu.edu 801-422-9268 History of Philosophy

Digital Humanities
Brian Croxall brian.croxall@byu.edu 801.422.7425 Graphs, maps, networks, literature, steampunk, and theory
Robert Reynolds robert_reynolds@byu.edu 801-422-7425 Natural language processing and computer-assisted language learning

Asian and Near Eastern Studies
Juno Baik juno.baik@byu.edu 801-422-9121 Asian & Near Eastern Languages

Chinese Flagship Center
Xinjia Peng xinjia_peng@byu.edu 801-422-5952 Construction grammar and its application in language teaching

College of Life Sciences

Biology
John Kauwe kauwe@byu.edu 801-422-2993 Alzheimer’s disease, genetics, genomics, molecular biology, bioinformatics
Stephen Piccolo stephen_piccolo@byu.edu 801-422-7116 Bioinformatics

Exercise Science
Brent Feland brent_feland@byu.edu 801-422-1182 Whole body vibration, neuromechanics, Rehabilitation and functional studies, geriatric applications when possible
Mike Diede mike_diede@byu.edu 801-422-2145 ACL injury prevention, therapeutic modalities, cryotherapy, and athletic training
Robert Hyldahl robyldahl@byu.edu 801-422-1237 Interventions for skeletal muscle degeneration

Health Science
Ali Crandall ali_crandall@byu.edu 801-422-6163 Family environment, executive functioning, and health behavior
Evan Thacker elt@byu.edu 801-422-2214 Chronic disease epidemiology
John Beard john.beard@byu.edu 801-422-7491 Environmental/occupational health; epidemiology; neurological diseases; temperature inversions

Microbiology and Molecular Biology
Chung-Da Yang cdyang@byu.edu 801-422-2506 Parasitology
Scott Weber scott_weber@byu.edu 801-422-6259 Immunology

Nutrition, Dietetics and Food Science
Emily Patten emily_patten@byu.edu 801-422-6672 Management and Leadership in Dietetics
<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeffery Tessem</td>
<td><a href="mailto:jeffery_tessem@byu.edu">jeffery_tessem@byu.edu</a></td>
<td>801-422-9082</td>
<td>Diabetes</td>
</tr>
<tr>
<td>Sarah Bellini</td>
<td><a href="mailto:sarah_bellini@byu.edu">sarah_bellini@byu.edu</a></td>
<td>801-422-0015</td>
<td>Clinical malnutrition screening and assessment, pediatric nutrition, and nutrition education</td>
</tr>
<tr>
<td>Dario Mizrachi</td>
<td><a href="mailto:dario_mizrachi@byu.edu">dario_mizrachi@byu.edu</a></td>
<td>801-422-0360</td>
<td>Membrane Protein Engineering</td>
</tr>
<tr>
<td>Brad Geary</td>
<td><a href="mailto:brad_geary@byu.edu">brad_geary@byu.edu</a></td>
<td>801-422-2369</td>
<td>Soil and plant microbes</td>
</tr>
<tr>
<td>Bryan Hopkins</td>
<td><a href="mailto:hopkins@byu.edu">hopkins@byu.edu</a></td>
<td>801-422-2185</td>
<td>Biophysical Soil Chemistry</td>
</tr>
<tr>
<td>Eric Jellen</td>
<td><a href="mailto:rick_jellen@byu.edu">rick_jellen@byu.edu</a></td>
<td>801-422-7279</td>
<td>Chromosomal Genetics in Plants</td>
</tr>
<tr>
<td>Joe Price</td>
<td><a href="mailto:joe_price@byu.edu">joe_price@byu.edu</a></td>
<td>801-422-5296</td>
<td>Long-run Consequences of Occupation Destruction</td>
</tr>
<tr>
<td>Samuel Otterstrom</td>
<td><a href="mailto:samuel_otterstrom@byu.edu">samuel_otterstrom@byu.edu</a></td>
<td>801-422-7751</td>
<td>Genealogy, Interrelatedness, and Migration</td>
</tr>
<tr>
<td>Brock Kirwan</td>
<td><a href="mailto:kirwan@byu.edu">kirwan@byu.edu</a></td>
<td>801-422-2532</td>
<td>Cognitive Neuroscience of Memory; fMRI; kirwanlab.org</td>
</tr>
<tr>
<td>Derin Cobia</td>
<td><a href="mailto:derin.cobia@gmail.com">derin.cobia@gmail.com</a></td>
<td>801-422-7720</td>
<td>Neuroimaging</td>
</tr>
<tr>
<td>Dianne Tice</td>
<td><a href="mailto:dianne_tice@byu.edu">dianne_tice@byu.edu</a></td>
<td>801-422-7720</td>
<td>Social psychology, the Self, and self-control</td>
</tr>
<tr>
<td>Jo Ann Petrie</td>
<td><a href="mailto:JoAnn_Petrie@byu.edu">JoAnn_Petrie@byu.edu</a></td>
<td>801-422-5307</td>
<td>Sex Differences in the NeuroBiology of Opiate Addiction</td>
</tr>
<tr>
<td>Mark North</td>
<td><a href="mailto:mark_north@byu.edu">mark_north@byu.edu</a></td>
<td>801-422-6363</td>
<td>Academic and Organizational Working Alliances and Relationships</td>
</tr>
<tr>
<td>Sarah Coyne</td>
<td><a href="mailto:smcoyne@byu.edu">smcoyne@byu.edu</a></td>
<td>801-422-6949</td>
<td>Media effects on children.</td>
</tr>
<tr>
<td>Lance Erickson</td>
<td><a href="mailto:lance_erickson@byu.edu">lance_erickson@byu.edu</a></td>
<td>801-422-1683</td>
<td>Gerontology</td>
</tr>
<tr>
<td>Dave Wood</td>
<td><a href="mailto:d_wood@byu.edu">d_wood@byu.edu</a></td>
<td>801-422-3289</td>
<td>Military mental health, veteran suicide prevention</td>
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**College of Family Home and Social Sciences**

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<thead>
<tr>
<th>Name</th>
<th>Email</th>
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<tbody>
<tr>
<td>Jo Ann Petrie</td>
<td><a href="mailto:JoAnn_Petrie@byu.edu">JoAnn_Petrie@byu.edu</a></td>
<td>801-422-5307</td>
<td>Sex Differences in the NeuroBiology of Opiate Addiction</td>
</tr>
<tr>
<td>Mark North</td>
<td><a href="mailto:mark_north@byu.edu">mark_north@byu.edu</a></td>
<td>801-422-6363</td>
<td>Academic and Organizational Working Alliances and Relationships</td>
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</table>

**Marriott School of Management**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>James Gaskin</td>
<td><a href="mailto:james.gaskin@byu.edu">james.gaskin@byu.edu</a></td>
<td>801-636-2985</td>
<td>Mixed reality</td>
</tr>
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</table>
Harold B. Lee Library

Cory Nimer cory_nimer@byu.edu 801-422-6091 Special Collections Librarian
Emily Darowski emily_darowski@byu.edu 801-422-6346 Social Sciences and Education Librarian
Gordon Daines gordon_daines@byu.edu 801-422-5821 Business process management, archival history, university history
Greg Nelson greg_nelson@byu.edu 801-422-9066 Science and Engineering Librarian
Kjerste Christensen kjerste_christensen@byu.edu 801-422-4185 Cataloging and Metadata Librarian
Meg Frost megan@byu.edu 801-422-5466 Science and Engineering Librarian

Nursing

Julie Valentine julie_valentine@byu.edu 801-422-3164 Sexual assault in Utah: Collaborative study with state crime laboratory
Karen de la cruz karen-delacruz@byu.edu 801-422-7332 Effects of cultural immersion experiences in nursing
Lacey Miller Eden lacey_eden@byu.edu 801-422-6891 Assistant Teaching Professor. Her focus is on improving Immunization rates.
Peggy Anderson peggy_anderson@byu.edu 801-422-7465 Nursing
Petr Ruda petr-ruda@byu.edu 801-422-7199 Nursing
Sheri Tesseyman sptesseyman@gmail.com Nursing
Tracy Dustin tracy-dustin@byu.edu 801-422-7190 Gerontology, health promotion, care of veterans

Fine Arts and Communication

Dance
Karen Jensen karendjensen@gmail.com 801-422-4658 International Education and International Branch Campuses.
Kate Monson monson.7@gmail.com 801-422-3340 Artistic collaboration, physical conditioning and pedagogy, ageism and longevity, observation and interpretation of movement through a systematic lens.

Theatre and Media Arts
Adam Houghton ahoUGHTon@byu.edu 801-422-4631 Performance of Emotion

Counseling and Psychological Services

David Erekson david_erekson@byu.edu Psychotherapy research
Kristina Hansen kristina_hansen@byu.edu Group psychotherapy research and practice; women's career planning

Religious Education

Roger Christensen roger_christensen@byu.edu 801-422-2102 Early Church history and local state politics.
<table>
<thead>
<tr>
<th>Department</th>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Science, Technology, Engineering, and Math (STEM)</strong></td>
<td>Conrad Monson</td>
<td><a href="mailto:conrad_monson@byu.edu">conrad_monson@byu.edu</a></td>
<td>801-422-7722</td>
</tr>
<tr>
<td></td>
<td>Sarah Dorff</td>
<td><a href="mailto:sarahdorff@byu.edu">sarahdorff@byu.edu</a></td>
<td>801-422-0132</td>
</tr>
<tr>
<td></td>
<td>Research Development Team</td>
<td><a href="mailto:resdev@byu.edu">resdev@byu.edu</a></td>
<td></td>
</tr>
<tr>
<td><strong>Family, Home, and Social Services (FHSS)</strong></td>
<td>Kristen Kellems</td>
<td><a href="mailto:fhssresdev@byu.edu">fhssresdev@byu.edu</a></td>
<td>801-422-8967</td>
</tr>
<tr>
<td><strong>McKay School of Education</strong></td>
<td>Jaynie Mitchell</td>
<td><a href="mailto:jaynie@byu.edu">jaynie@byu.edu</a></td>
<td>801-422-3067</td>
</tr>
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