Title: **Reading the Mind with the Eyes**  
*Core Faculty*  
Jennifer Mangels, Psychology  
Ana Valenzuela, Marketing  
Lauren Block, Marketing

This research seminar will provide a forum in which faculty members and students of the Psychology and Marketing Departments can (1) gain shared expertise in the measurement, analysis and interpretation of eye tracking and pupilometry data, (2) develop compelling research proposals that integrate these methods into our current research lines, and (3) explore opportunities for synergistic activities across departments using these methods.

Title: **Co-Lab: The Baruch College Makerspace**  
*Core Faculty*  
Allison Lehr Samuels, Management  
Zoë Sheehan Saldaña, Fine and Performing Arts

The mission of this research seminar is to identify partners and stakeholders at Baruch in 3d printing, take stock of existing research trajectories and curricula that use (or could use) emerging fabrication technologies to promote advancements in learning, and investigate best practices outside of the college. These methods will establish a firm ground from which they will develop a detailed plan, identify funding sources, and submit a large grant proposal to fund Co-Lab. Co-Lab would be a makerspace/fabrication lab with a full complement of equipment (not only 3d printing but also electronics, circuitry, lasercutting, textiles, etc), a staffing/management structure, and a public face.

Title: **Climate Change**  
*Core Faculty*  
Deborah Balk, SPA  
Mindy Engle-Friedman, Psychology  
Christopher Hallowell, Journalism  
Samantha MacBride, SPA  
Kannan Mohan, Computer Information Systems  
Chester Zarnoch, Natural Sciences

The goal of this seminar is to bring together Baruch College faculty, graduate and undergraduate students, and scholars in related fields for the purpose of exploring issues related to climate change mitigation and adaptation. This seminar will meet bi-weekly and through a partnership of researchers across the three schools of Baruch, the seminar participants will develop innovative research projects, applications for CUNY and extramural research funding and new courses. This seminar is designed to explore the variety of issues the local community will face as the climate changes, discuss ways to best reduce carbon emissions and prepare for the future, and consider collaborative and creative strategies for addressing climate issues.

Title: **Business Analytics**  
*Core Faculty*  
Nanda Kumar, Radhika Jain, Kannan Mohan, Isak Taksa, Computer Information Systems
This faculty research seminar will focus on business analytics as this has become a topic that is relevant for the Zicklin School of Business and Baruch College. Expertise in this area spans multiple disciplines – Statistics, Computer Information Systems, Marketing, and Management. The research seminar on this topic will serve as a suitable platform to bring together researchers from across the country to synthesize the state of current research on this topic. This will support the current initiative to create two new programs - BBA in Business Analytics and MS in Business Analytics.