Theme Overview

Based on the recognition that successfully reaching adulthood is about more than test scores, the Bass Connections Education & Human Development (EHD) theme encompasses an interdisciplinary framework to engage students and faculty to develop the data, tools, and practices that better link how we raise our children—in schools, in families, and in communities—to positive life outcomes in an interconnected global society. We see education not just as formal K-12 schooling but also as learning via families and social channels, and human development as encompassing valued life outcomes across ages including health, social and familial connections, happiness, income, and employment.

You can find more information at bassconnections.duke.edu and Facebook.com/BassConnectionsEHD.

Theme Objectives

Bass Connections in EHD will engage researchers, students, practitioners, and policy-makers in crafting and launching new solutions to a wide range of challenges facing schools, communities, and families. This work will be largely based in Bass EHD teams, which are vertically integrated and multidisciplinary groups of faculty, graduate students, and undergraduates (adding practitioners and outside experts where appropriate).

Student Activities

Students can participate in Bass Connections in EHD at two different levels of involvement:

1. All students can be Bass Connections EHD Associates by attending weekly on-campus presentations (speakers, films, discussion groups) on EHD theme topics while engaging in curricular or co-curricular activities related to EHD.

2. If you are interested in joining one of our research teams for credit, we offer a Bass Connections EHD Scholar role that receives 1 credit through the College of Arts & Sciences. The students that best fit this role will commit to attending weekly team meetings and working for 5-10 hours per week on research-related projects.

2015-16 Experiences

- EHD Associates and Scholars will meet weekly to participate in campus-wide discussions and engagements.
- EHD teams will meet at least weekly to discuss their research progress and problems.
- Summer team activities, including analysis and off-site data collection.

EHD Related Courses

Because the most appropriate definitions of “education” and “human development” are broad, we seek students who approach these issues from diverse perspectives. The EHD theme has no formal requirements but students are encouraged to seek early advice and mentoring. To help students identify themselves, a long list of relevant courses is provided (page 2), which fall into three clusters:

- Cluster 1: Economics/Quantitative Public Policy
- Cluster 2: Education/Psychology/Sociology/Anthropology
- Cluster 3: Neuroscience/Biology/Linguistics

These course lists are intended to determine if a student’s existing interest and prior experience fall within the scope of EHD, and identify courses that will strengthen a student’s preparation for participation as either EHD Specialists, or Scholars. Bass Connections EHD Specialists will enroll in independent study courses, listed at the Trinity College level.

How to Apply: We are looking for undergraduates, graduate students, and faculty to help form and pursue new research projects. If you are interested in applying to join a team, please fill out the online application at bassconnections.duke.edu.

If you have any questions, do not hesitate to contact James Speckart at speckart@duke.edu.
Relevant Courses: The courses listed below are extensive, and are not prerequisites. Their intent is to help students identify themselves based on their interests and course history, and suggest relevant courses that might equip students to more valuably participate in EHD.

Cluster 1: Economics / Quantitative Public Policy

**TOPICAL**
- Econ 334: Health Economics
- Econ 371: Labor and Family Economics
- Econ 490: Economics of Education
- Econ 490: Economics and Human Biology
- PubPol 544: Schools and Social Policy
- PubPol 608: Economics of the Family

**THEORY**
- Econ 201: Intermediate Microeconomics I
- Econ 205: Intermediate Microeconomics II
- PubPol 303: Microeconomic Policy Tools
- PubPol 304: Economics of the Public Sector

**DATA ANALYSIS**
- Stat 111: Probability and Statistical Inference
- Econ 208: Introduction to Econometrics
- PubPol 604: Using Data to Evaluate Public Policy

Cluster 2: Education/Psychology/Sociology/Anthropology

**TOPICAL**
- Educ 243/PubPol 243: Children, Schools, and Society
- Educ 241/PubPol 245: Promising Paradigms: Issues and Innovations in American Classrooms
- Educ 321: Infancy, Early Childhood, and Educational Programs
- Psych 371: Cognition in the Classroom: Applying the Science of Learning to Education
- EvAnth 240/Sociol 216: Partnering and Parenting: An Interdisciplinary Approach to the Study of Human Relationships
- Educ 407: Teaching Practices in Elementary Mathematics and Science
- Educ 408: Teaching Practices in Elementary Language Arts and Social Studies
- Educ 409: Elementary Curriculum
- Educ 495: Teaching Practices in Secondary Education
- Sociol 218: Juvenile Delinquency

**THEORY**
- Psych 235/Sociol 224/HumanDev 224: Human Development
- Psych 236/Sociol 260/HumanDev 260: Psychosocial Aspects of Human Development
- Educ 101: Social and Philosophical Foundations of Education
- Educ 240/Psych 240: Educational Psychology
- Psych 102: Cognitive Psychology: Introduction and Survey
- Psych 103: Developmental Psychology: Introduction and Survey
- Psych 252: Psychology of Thinking
- Psych 259: Early Cognitive Development
- Psych 337: Infancy
- Psych 474: Biological Psychology of Human Development
- EvAnth 180: Natural History of Humans: The Evolution of our Anatomy, Physiology and Behavior
- Phil 208/EvAnth 280: Introduction to the Evolution of Human Culture, Behavior, and Institutions
- EvAnth 363: Evolution of Primate Social Cognition

**DATA ANALYSIS**
- Psych 201: Introduction to Statistical Methods in Psychology
- Psych 202: Statistical Methods for Data Analysis in Psychology
- Sociol 332: Methods of Social Research
- Sociol 333: Quantitative Analysis of Sociological Data
- Stat 101: Data Analysis and Statistical Inference

Cluster 3: Neuroscience/Biology/Linguistics

**TOPICAL**
- Neurosci 111/Linguist 211: The Neuroscience of Reading and Language Comprehension
- Neurosci 116/Linguist 216/SES 216: Neuroscience and Human Language
- Psych 257/Phil 249/Neurosci 212: Introduction to Cognitive Neuroscience
- Psych 258/Neurosci 258: Decision Neuroscience
- Psych 281/Neurosci 281: Neuroscientific Approaches to Social Behavior
- Psych 461/Neurosci 461: Neurobiology of Learning and Memory
- EvAnth 246: Sociobiology
- EvAnth 276: Human Biology

**THEORY**
- Bio 202: Gateway to Biology: Genetics and Evolution
- Bio 215: Introduction to Mathematical Modeling in Biology
- Bio 156: Genetics, Genomics, and Society: Implications for the 21st Century
- Bio 452: Genes and Development

**DATA ANALYSIS**
- Stats 102: Introductory Biostatistics
- Bio 204: Biological Data Analysis
- Stats 210: Regression Analysis