Research Areas of Faculty in the Economics Department of Duke University
(in JEL code order)

General Economics and Teaching
Nechyba, Thomas

History of Economic Thought, Methodology, and Heterodox Approaches
General
Caldwell, Bruce
De Marchi, Neil
Goodwin, Craufurd
Hoover, Kevin
Weintraub, Roy

History of Economic Thought through 1925
Goodwin, Craufurd
Weintraub, Roy

History of Economic Thought since 1925
Caldwell, Bruce
Goodwin, Craufurd
Weintraub, Roy

History of Thought: Individuals
Caldwell, Bruce
Goodwin, Craufurd
Weintraub, Roy

Methodology
Caldwell, Bruce
Hoover, Kevin

Mathematical and Quantitative Methods
General
Graham, Daniel
Khan, Shakeeb

Econometrics
Bollerslev, Tim
Bugni, Federico
Grabowski, Henry
Hotz, V. Joseph
Patton, Andrew
Tauchen, George

Econometric and Statistical Methods: General
Bollerslev, Tim
Bugni, Federico
Hotz, V. Joseph
Patton, Andrew
Bayesian Analysis
   Bianchi, Francesco

Semiparametric and Nonparametric Methods
   Maurel, Arnaud

Single Equation Models; Single Variables
   Bugni, Federico

Cross-Sectional Models; Spacial models; Treatment effect models; Quantile regressions
   Maurel, Arnaud

Time Series Models; Dynamic Quantile Regressions; Dynamic Treatment Models
   Bollerslev, Tim
   Li, Jia
   Leachman, Lori
   Patton, Andrew

Models with Panel Data
   Arcidiacono, Peter
   Hotz, V. Joseph
   McElroy, Marjorie
   Sanders, Seth

Discrete Regression and Qualitative Choice Models; Discrete Regressors; Proportions
   Arcidiacono, Peter
   Hotz, V. Joseph
   Maurel, Arnaud
   Sanders, Seth
   Timmins, Chris

Multiple or Simultaneous Equation Models; Multiple Variables

   Discrete Regression and Qualitative Choice Models; Discrete Regressors; Proportions
      Maurel, Arnaud

Econometric and Statistical Methods: Special Topics
   Bugni, Federico

Econometric Modeling
   Bollerslev, Tim
   Bugni, Federico
   Patton, Andrew

   Model Construction and Estimation
      Abdulkadiroglu, Atila

   Model Evaluation and Selection
      Patton, Andrew
Forcasting and Other Model Applications
  Patton, Andrew

Mathematical Methods and Programming
  Computational Techniques; Simulation Modeling
    Abdulkadiroglu, Atila

Game Theory and Bargaining Theory
  General
    Ambrus, Attila
    Graham, Daniel
    Yildirim, Huseyin

Data Collection and Data Estimation Methodology; Computer Programs
  Bugni, Federico
  Thomas, Duncan

Design of Experiments
  Thomas, Duncan

Laboratory, Individual Behavior
  Abdulkadiroglu, Atila
  Ambrus, Attila

**Microeconomics**
  Abdulkadiroglu, Atila
  Ambrus, Attila
  Graham, Daniel
  Kranton, Rachel
  McElroy, Marjorie
  Nechyba, Thomas
  Sadowski, Philipp
  Sanders, Seth
  Sloan, Frank
  Thomas, Duncan
  Timmins, Christopher

Microeconomic Behavior: Underlying Principles
  Ambrus, Attila
  Kranton, Rachel
  Sadowski, Philipp

Institutions: Design, Formation, and Operations
  Ambrus, Attila
  Abdulkadiroglu, Atila

Behavioral Economics; Underlying Principles
Ambrus, Attila
Kranton, Rachel
Sadowski, Philipp

Household Behavior and Family Economics
Ambrus, Attila
Thomas, Duncan

Consumer Economics: Empirical Analysis
   Abdulkadiroglu, Attila
   McElroy, Marjorie
   Sanders, Seth

Production and Organizations
Ambrus, Attila
Taylor, Curtis

Firm Behavior
   Boyd, Gale

Production; Cost; Capital and Total Factor Productivity; Capacity
   Boyd, Gale

Market Structure and Pricing
Ambrus, Attila
Sweeting, Andrew
Taylor, Curtis

Auctions
   Abdulkadiroglu, Attila
   Graham, Daniel
   Roberts, James

Welfare Economics
   Equit, Justice, Inequality, and Other Normative Criteria and Measurement
   Sadowski, Philipp
   Timmins, Chris

Altruism
   Ambrus, Attila
   Sadowski, Philipp

Analysis of Collective Decision-Making
   General
   Ambrus, Attila
   Sadowski, Philipp
   Taylor, Curtis

   Social Choice; Clubs; Committees; Associations
   Sadowski, Philipp
Models of Political Processes: Rent Seeking, Elections, Legislatures, Voting Behavior
  Sadowski, Philipp
  Yildirim, Huseyin

Information, Knowledge, and Uncertainty
  Ambrus, Attila
  Ilut, Cosmin
  Roberts, James
  Sadowski, Philipp
  Sloan, Frank
  Taylor, Curtis

Criteria for Decision-Making under Risk and Uncertainty
  Sadowski, Philipp

Asymmetric and Private Information
  Ambrus, Attila
  Sadowski, Philipp

Search; Learning; Information and Knowledge; Communication; Belief
  Ambrus, Attila
  Sadowski, Philipp

Expectations; Speculations
  Maurel, Arnaud

Economics of Contract Theory
  Ambrus, Attila
  Sadowski, Philipp
  Yildirim, Huseyin

Intertemporal Choice and Growth
  Intertemporal Consumer Choice; Life Cycle Models and Saving
  Sadowski, Philipp

Macroeconomics and Monetary Economics
  Bianchi, Francesco
  Burnside, Craig
  Ilut, Cosmin
  Jaimovich, Nir
  Kimbrough, Kent
  Hoover, Kevin
  Peretto, Pietro

Macroeconomics: Consumption, Saving, Production, Employment, and Investment
  Jaimovich, Nir

Prices, Business Fluctuations, and Cycles
  Bianchi, Francesco
  Ilut, Cosmin
Jaimovich, Nir

Money and Interest Rates
   Ilut, Cosmin
   Hoover, Kevin
   Kimbrough, Kent

Financial Markets and Macroeconomy
   Fullenkamp, Connel
   Leachman, Lori

Forecasting and Simulation
   Patton, Andrew

Monetary Policy, Central Banking, and the Supply of Money and Credit
   Kimbrough, Kent

Monetary Policy
   Bianchi, Francesco
   Hoover, Kevin

Central Banks and Their Policies
   Bianchi, Francesco

Macroeconomic Policy, Macroeconomic Aspects of Public Finance and General Outlook
   Kimbrough, Kent

Fiscal Policy
   Leachman, Lori

International Economics
   Tower, Ed

Trade
   Xu, Yi (Daniel)

International Finance
   Burnside, Craig
   Ilut, Cosmin

Foreign Exchange
   Bollerslev, Tim
   Leachman, Lori

Current Account Adjustment; Short-term Capital Movements
   Leachman, Lori

Financial Aspects of Economic Integration
   Leachman, Lori

Macroeconomic Aspects of International Trade and Finance
   Kimbrough, Kent
Financial Economics
   Bollerslev, Tim
   Burnside, Craig
   Patton, Andrew
   Rasiel, Emma
   Tower, Ed

   Financial Crises
      Burnside, Craig
      Fullenkamp, Connel

General Financial Markets
   Bollerslev, Tim
   Ilut, Cosmin
   Patton, Andrew

   Portfolio Choice; Investment Decisions
      Patton, Andrew

Government Policy and Regulation
   Fullenkamp, Connel

Financial Institutions and Services
   Pension Funds; Other Private Financial Institutions
      Patton, Andrew

Public Economics
   Nechyba, Thomas

   Publicly Provided Goods
      Macartney, Hugh

   Public Goods
      Ambrus, Attila
      Timmins, Chris
      Yildirim, Huseyin

   National Government Expenditures and Related Policies
      Social Security and Public Pensions
         Becker, Charles

Health, Education, and Welfare
   Becker, Charlie
   Falba, Tracy
   Nechyba, Thomas
   Thomas, Duncan

   Health
      Becker, Charles
      Sloan, Frank
      Thomas, Duncan
Education and Research Institutions
Arcidiacono, Peter
Hotz, V. Joseph
Macartney, Hugh

Analysis of Education
Abdulkadiroglu, Atila
Maurel, Arnaud

Labor and Demographic Economics
Hotz, V. Joseph
McElroy, Marjorie
Sanders, Seth
Thomas, Duncan

Labor Economics: General
Hotz, V. Joseph
Macartney, Hugh
McElroy, Marjorie

Labor Economics Policies
Hotz, V. Joseph

Demographic Economics
Becker, Charles
Hotz, V. Joseph
McElroy, Marjorie
Sanders, Seth
Sloan, Frank
Thomas, Duncan

Demand and Supply of Labor
Hotz, V. Joseph
McElroy, Marjorie
Sanders, Seth

Time Allocation and Labor Supply
Maurel, Arnaud

Human Capital; Skills; Occupational Choice; Labor Productivity
Arcidiacono, Peter
Maurel, Arnaud

Retirement; Retirement policies
Becker, Charles

Labor Discrimination
Arcidiacono, Peter
McElroy, Marjorie
Law and Economics
Kuran, Timur

Regulation and Business Law
  Antitrust Law
    Sweeting, Andrew

Medical Malpractice
  Sloan, Frank

Industrial Organization
Roberts, James
Bayer, Patrick
Kranton, Rachel
Sweeting, Andrew

Market Structure, Firm Strategy, and Market Performance
  Sweeting, Andrew
  Taylor, Curtis
  Xu, Yi (Daniel)

Industrial Structure and Structural Change
  Boyd, Gale

Firm Objectives, Organization and Behavior
  Ambrus, Attila
  Sweeting, Andrew
  Taylor, Curtis
  Xu, Yi (Daniel)

Antitrust Issues and Policies
  Sweeting, Andrew
  Taylor, Curtis

Regulation and Industrial Policy
  Hotz, V. Joseph
  Sweeting, Andrew
  Taylor, Curtis

Industry Studies: Manufacturing
  Boyd, Gale

Industry Studies: Primary Products and Construction
  Boyd, Gale

Industry Studies: Services
  Sweeting, Andrew

Industry Studies: Transportation and Utilities
  Electric Utilities
Boyd, Gale

**Business Administration and Business Economics; Marketing; Accounting**  
Marketing and Advertising  
Sweeting, Andrew  
Personnel Economics  
Macartney, Hugh

**Economic History**  
Caldwell, Bruce  
Macroeconomics and Monetary Economics; Growth and Fluctuations  
General, International, or Comparative  
Toniolo, Gianni
  
Europe: 1913-  
Toniolo, Gianni  

Africa; Ocieana  
Toniolo, Gianni

**Financial Markets and Institutions**  
General, International, or Comparative  
Kuran, Timur  
Toniolo, Gianni
  
Europe: Pre 1913  
Toniolo, Gianni  

Europe 1913-  
Toniolo, Gianni  

Asia and Middle East  
Kuran, Timur  
Toniolo, Gianni

Bayer, Patrick
  
Demography: Aging  
Sloan, Frank

**Economic Development, Technological Change, and Growth**  
Ambrus, Attila  
Field, Erica  
Kelley, Allen  
Kranton, Rachel  
Kuran, Timur  
Economic Development
Microeconomic Analyses of Economic Development
    Becker, Charles
    Field, Erica
    Kranton, Rachel
    Kuran, Timur
    Thomas, Duncan

Human Resources; Human Development; Income Distribution; Migration
    Becker, Charles
    Sanders, Seth
    Thomas, Duncan

Economic Development: Financial Mkts; Saving, Capital Invst; Corp. Fin., Governance
    Fullenkamp, Connel

Regional, Urban, and Rural Analyses
    Bayer, Patrick
    Becker, Charles
    Timmins, Chris

Technological Change; Research and Development
    Sweeting, Andrew
    Xu, Yi (Daniel)

Economic Growth and Aggregate Productivity
    Xu, Yi (Daniel)

Economywide Country Studies
    Asia and Middle East
        Kuran, Timur

    Africa
        Becker, Charles

Economic Systems
    Socialist Systems and Transitional Economies
        Becker, Charles

    Socialist Institutions and Their Transitions
        Becker, Charles

    International Trade, Finance, Investment, and Aid
        Connolly, Michelle

Comparative Economic Systems
    Comparative Analysis of Economic Systems
        Kuran, Timur

Agriculture and Natural Resource Economics; Environmental and Ecological Economics
    Energy
Boyd, Gale
Timmins, Chris

Demand and Supply
Sweeting, Andrew

Environmental Economics
Timmins, Chris

Pollution Control Adoption Costs; Distributional Effects; Employment Effects
Boyd, Gale

Climate; Natural Disasters; Global Warming
Boyd, Gale

Technological Innovation
Boyd, Gale

Urban, Rural, and Regional Economics
Nechyba, Thomas
Timmins, Chris

Household Analysis
Becker, Charles

Production Analysis and Firm Location
Housing Supply and Markets
Becker, Charles

Cultural Economics
De Marchi, Neil