

Srimayi (Tinni) Sen, Ph. D.
Professor of Economics

Contact Tinnis.Sen@gmail.com/SenSB@vmi.edu/540.817.8866

Education

- **Ph.D. in Economics** May, 1999
University of Mississippi,
- **MSc. in Economics** May, 1992
Calcutta University, Calcutta, West Bengal, India.
- **BSc. in Economics** May, 1989
Lady Brabourne College
Calcutta University, Calcutta, West Bengal, India.
Major: Economics; Minors: Statistics and English.

Experience

- **Professor of Economics,** 2011- present
Department of Economics and Business
Virginia Military Institute
- **Associate Professor of Economics** 2007 – 2011
Department of Economics and Business
Virginia Military Institute.
- **Assistant Professor of Economics** 2001 – 2007
Department of Economics and Business
Virginia Military Institute
- **Visiting Professor of Economics** 1999 – 2001
VMI and Washington and Lee University.

Teaching

- The Economics and Politics of the EU (Study Abroad Class)
- International Finance, writing intensive.
- Intermediate Macroeconomics.
- Intermediate Microeconomics.
- Principles of Microeconomics.
- Principles of Macroeconomics.
- Statistics.
- Managerial Economics.
- Business Finance.

Scholarship

Books

- “Machine Learning Techniques in Economics: New Tools for Predicting Economic Growth” with Atin Basuchoudhary and Jim Bang, book contract with Springer Briefs, spring 2018.
<https://www.springer.com/gp/book/9783319690131>.
- “Predicting Hotspots: Using Machine Learning to Understand Civil Conflict,” with Atin Basuchoudhary, Jim Bang and John David, book contract with Roman and Littlefield.
<https://rowman.com/ISBN/9781498520676/Predicting-Hotspots-Using-Machine-Learning-to-Understand-Civil-Conflict>

Peer-Reviewed Articles

- “When Good Little Debts Went Bad: An Empirical Study of Small Claims Litigation on the Virginia Frontier, 1745-1755,” with Turk McCleskey and Atin Basuchoudhary. *Journal of Interdisciplinary History*. January 2015.
- “Finding Mixed Strategy Nash Equilibria with Decision Trees,” with Barry Cobb. *International Review of Economics Education*. January 2014.
- “Asymmetric Business Cycles under Optimal Mixed State and Time Dependent Pricing Rules,” with John R. Conlon. *Berkeley Electronic Macroeconomic Journal*. Fall 2010.

- “US Aid and HDI,” with Atin Basuchoudhary. *Journal of Scottish Church College*. Invited paper (subjected to editorial review.). Spring 2006.
- “US Aid or US Trade? – Relative Effect on Worldwide Human Development,” with Atin Basuchoudhary. *Proceedings of the 2006 International Business and Economics Research Conference*. Fall 2006.
- “Is the VMI Fitness Test Still an Adequate Measure of Fitness: An Empirical Investigation,” with Will Gentry. In the *Virginia Social Science Journal*. Spring 2006.
- “Impact of Employee Reaction and Turnover Rates on the Successful Implementation of an Information System: A Game Theory Approach.” *The Review of Business Information Systems*. Fall 2005.
- “International Support for U.S. Foreign Policy: The Role of Foreign Aid, Trade Integration and Social Development,” with Atin Basuchoudhary and Ed Sexton. *International Business and Economics Research Journal*. June 2004.
- “Financial Data as Predictors of Firm Failure – A Look Thirty Years Later,” with Karen Gutermuth, H. Francis Bush and Trevor Chesler. *The Virginia Economic Journal*. Fall 2003.

Conferences Presentations

- “Predicting conflict risk: Toward a Unified Theory of Civil Conflict.” With Atin Basuchoudhary (VMI), Jim Bang (SAU), and John David (VMI). *European Public Choice Society*, 2017.
- “When Good Little Debts Went Bad: An Empirical Study of Small Claims Litigation in Augusta County, Virginia, 1746-1755,” with Atin Basuchoudhary and Turk McCleskey. *Southern Economic Conference*. November 2013.
- Adopting New Technologies – Is Shirking Inevitable?” with Atin Basuchoudhary and Jennifer Gerow. *Southern Economic Conference*. November 2012.
- “Anticipated Future Changes under State-Dependent Pricing: A Simple Special Case,” with John R Conlon. *Southern Economic Conference*. November 2009.
- “Impact of Employee Reaction and Turnover Rates on the Successful Implementation of an Information System: A Game Theory Approach.” *International Business and Economics Research Conference*. October 2004.
- “Does the National Purchasing Managers Index Predict the Ex-Ante Real Interest Rate: A Short Note,” with Atin Basuchoudhary and Karen Gutermuth. *International Business and Economics Research Conference*. October 2004.
- “International Support for U.S. Foreign Policy: The Role of Foreign Aid, Trade Integration and Social Development,” with Atin Basuchoudhary and Edwin Sexton. *International Applied Business Research Conference*. March 2004.
- “Does the National Purchasing Managers Index Predict the Ex-Ante Real Interest Rate: A Short Note,” with Atin Basuchoudhary and Karen Gutermuth. *Virginia Economics Association Meetings*. March 2004.
- “Is There a Post-Communist, Non-Development Role for U. S. Foreign Aid?” with Atin Basuchoudhary and Ed Sexton. *Public Choice Society meetings* in Nashville, TN. **March 2003.**
- “Confidence and Interest Rates: Does Monetary Policy Matter?” with Atin Basuchoudhary and Karen Gutermuth. *Southern Economic Conference*. Fall 2002.

Conferences, Professional Development

- Workshop on Teaching Economics at the Undergraduate Level, Wilmington, NC. October. 2017
- Teaching Economics at the Undergraduate Level at Wilmington, UNGC. 2003, 2007, 2011, 2017
- AACSB Assessment Conference. Spring 2010, 2012
- Teaching Effectiveness Workshop. Fall 2007.
- Teaching Innovations Program Workshop (TIP). Summer 2006.
- Blackboard workshop at VMI. Fall 2006.
- AACSB Continuous Improvement Conference. Fall 2006.
- AACSB International Assessment Seminar. Spring 2004.
- NSF-CeMENT: Mentoring for Junior Faculty. 2003.
- AACSB Accreditation Workshop. Spring 2002

Working Papers

- Identifying the Complex Causes of Civil War - A Machine Learning Approach, Book Contract with Springer Publishers.

- An Empirical Study of Small Claims Litigation in York County, Virginia, 1746-1755,” with Atin Basuchoudhary and Turk McCleskey.
- “Understanding Civil Conflict,” with Atin Basuchoudhary, Jim Bang and John David.
- “Adopting New Technologies: Is Shirking Inevitable,” with Jennifer Gerow and Atin Basuchoudhary.
- “Managing Technological Change: An Evolutionary Game Theory Approach,” with Atin Basuchoudhary.
- “Anticipated Future Policy Changes under State-Dependent Pricing: A Simple Special Case,” with John R. Conlon.
- “An Empirical Study of the Effects of the NCLB on High School Drop-out Rates,” with Laura Razzolini.
- “The Use of Case Studies as a Teaching Tool in an Economics Class,” with Atin Basuchoudhary.

Undergraduate Research Projects

- “Spending Money Can’t Always Save Lives: The Effects on the Economy and Healthcare in Japan, United States, and Norway,” Trey Rose, spring 2016.
- “Growth in Haiti through the Right Incentives,” Nathanael Salatin. Honors Thesis, spring 2011. Co-Mentor Atin Basuchoudhary.
- “From the Ground up,” Nathanael Salatin. Summer Undergraduate Research Fellowship, summer 2010. Co-Mentor Atin Basuchoudhary.
- “The effect of the No Child Left Behind (NCLB) Act on high school drop-out rates,” Simone Jimenez. Summer Undergraduate Research Fellowship, summer 2010.
- “The Unreported Knowledge Economy,” Jonathan Fox. Summer 2007.
- “The Economic Impact of Wal-Mart on Rural American Counties: An Empirical Investigation,” Matthew Kurz. Summer and fall 2004.
- “The VMI Fitness Test Still an Adequate Measure of Fitness: An Empirical Investigation,” Will Gentry. Summer 2003.
- “The Political and Economic Ramifications of Reunification between Taiwan and China,” Edward Chen. Fall 2002.
- “An Empirical Investigation of the Costs of Trade Restrictions: How US Quotas Hurt Both the US and Cambodia,” Peter Sok. Fall 2001.

Professional Service

Journal Referee

National Science Foundation, Southern Economic Journal, Virginia Social Science Journal,

Service to the Profession

- Chair, session organizer and/or served as discussant Southern Economic Association meetings 2006-2016
- Editor, Virginia Social Science Journal. 2010-2012.
- Co-Editor, Virginia Social Science Journal. 2008-2010.
- Assistant Editor, Virginia Social Science Journal. 2005-2008.
- Treasurer, Virginia Social Science Association. 2003-2005.

Service to VMI

- Building Bridges, service club. Faculty Co-advisor. 2015-present
- Assurance of Learning Committee 2009-present
- Institute Alcohol and Other Drugs Committee. 2016-present
- Institute Scholarships Selection Committee. 2016-present
- Committee on Academic Advising and Support (Chair). 2016-2018
- VMI Women Builds with Habitat committee. 2015

Before 2015

- Research committee (aka Summer Grants in Aid of Research).
- Institute Awards Committee.
- BigSur. Abstract Vetting committee.
- BigSur. Session Chair.
- Uniform Committee.

- Faculty Standards Committee.
- Distinguished Speakers Series.
- Writing across the Curriculum Liaison committee.
- Undergraduate Research Initiative (URI) Strategic Planning Committee.
- Undergraduate Research Travel Fund Committee.
- Judge for VMI's Undergraduate Research Symposium (URS)
- URI Steering Committee.
- Undergraduate Research Symposium, Operations Committee
- New Faculty Orientation Committee
- Faculty Development Committee

Service To
The Community

- Chair, Membership Committee Rockbridge County NAACP. Present.
- Member, Political Action Committee, Rockbridge County NAACP. Present.
- Board, Foundation Board of Rockbridge Regional Library. Present
- Founder and Board Member 50-Ways Rockbridge. Present.
- Treasurer, Foundation Board of Rockbridge Regional Library. 2016-2018
- Secretary, Rockbridge County High School, Parent Teacher Student Association (RCHS PTSA). AY 2016.
- Treasurer, Rockbridge County High School, Parent Teacher Student Association (RCHS PTSA). AY 2014, 2015.
- Board, Woods Creek Montessori. AY 2009-2010.
- Invited, Career Fair talk to Rockbridge County High School students, fall 2004, 2006, 2008.
- Parent Volunteer, Waddell Elementary School. 2010-2016.

Awards and
Grants

- | | |
|--|----------------|
| • Alexander P. Morrison Chair in Economics | 2018-present |
| • ODK Leyburn Award for exemplary service to the Community
<i>awarded by Washington and Lee University's ODK</i> | 2019 |
| • Governor's Award for Community Service and Volunteerism
<i>Nominated by VMI</i> | 2019 |
| • Jackson Faculty Development Leave
<i>awarded annually to three faculty members</i> | 2015, 2019 |
| • VMI Distinguished Teaching Award
<i>for outstanding teaching and academic mentorship</i> | 2008 |
| • Thomas Jefferson Teaching Award
<i>for inspiring students in the development
of their intellect and character</i> | 2002 |
| • Jackson-Hope Summer Research Fellow | 2004, 05, '07 |
| • Grants in Aid of Research | 02, 03, 04, 05 |
| • Teaching in Technology Grant | 2003, 2004 |
| • Faculty Development Award | 2002, 2003 |
| • NSF-CSWEP workshop
<i>for women economists in tenure track positions
at small liberal arts colleges.</i> | 2002 |

Professional
Membership

- American Economic Association.
- Committee on the Status of Women in the Economics Profession (CSWEP).
- Eastern Economic Association.
- International Atlantic Economic Society.
- Southern Economic Association.

- Omicron Delta Kappa,
National Leadership Honor Society
- Omicron Delta Epsilon,
International Honor Society in Economics.
- Sigma Beta Delta
International Honor Society in Business Management and Administration.

Skills

Languages

English, Bengali (native), Hindi (conversation)