

# MD TANVIR PAVEL

Assistant Professor of Economics  
Rose-Hulman Institute of Technology (RHIT)  
5500 Wabash Avenue, Terre Haute, IN 47803

Phone: 786.838.2533 (Cell)  
Email: [pavel@rose-hulman.edu](mailto:pavel@rose-hulman.edu)  
Web: [tanvirpavel.weebly.com](http://tanvirpavel.weebly.com)

## EDUCATION

---

|   |      |
|---|------|
| Ph.D., Economics, Florida International University (FIU)          | 2018 |
| Master of Arts (MA), Economics, Eastern Illinois University (EIU) | 2012 |
| Master of Social Sciences (MSS), Economics, University of Dhaka   | 2004 |
| Bachelor of Social Sciences (BSS), Economics, University of Dhaka | 2003 |

## ACADEMIC APPOINTMENTS

---

|  |                       |
|--|-----------------------|
| Assistant Professor of Economics, RHIT                         | Aug. 2022 – Present   |
| Visiting Assistant Professor of Economics, RHIT                | Aug. 2019 – July 2022 |
| Post-Doctoral Associate & Visiting Faculty of Economics, FIU   | Aug. 2018 – Aug. 2019 |
| Instructor (Online MBA Program), St. Thomas University         | Jan. 2019 – July 2019 |
| Teaching Assistant, Department of Economics, FIU               | Aug. 2013 – Aug. 2018 |
| Research Associate, Oklahoma State University                  | Aug. 2012 – May 2013  |
| Teaching Assistant, Department of Economics, EIU               | Aug. 2010 – July 2012 |
| Senior Lecturer, School of Business, ASA University Bangladesh | Feb. 2009 – Aug. 2010 |

## RESEARCH

---

**Research Interests:** Environmental and Natural Resource Economics, Development Economics

### Recent Publication:

- Pavel, T., Hasan, S., Halim, N., & Mozumder, P. (2022). [Impacts of transient and permanent environmental shocks on internal migration](#). *Applied Economics*, 1-24.
- Pavel, T., & Mozumder, P. (2019). [Household Preferences for Managing Coastal Vulnerability: State vs. Federal Adaptation Fund](#). *Economics of Disasters and Climate Change*, 3(3), 281-304.

### Papers Under Review:

- [“Flood and Wind Risk Perception: A Comparative Analysis of Evacuation Behavior during Hurricane Ivan”](#) (with Pallab Mozumder, Tahsin, S. and Gladwin, H.) [R&R]
- [“Household Preferences for Financing Hurricane Risk Mitigation”](#) (with Damon Fitzgerald and Pallab Mozumder)

### Working Papers:

- “The Impact of Displacement on the Mental Health: Evidence from Hurricane Maria”
- “Climate Change and Adaptation Behavior in Agriculture: Evidence from Farming Practices in Bangladesh”

## TEACHING

---

**Teaching Interests:** Microeconomics, Environmental Economics, Econometrics

### Teaching Experience:

#### ▪ **Rose-Hulman Institute of Technology (Face to Face, Hybrid, Online)**

|   |                     |
|---|---------------------|
| Introduction to Microeconomics (Face to Face, Hybrid, Online) | Fall 2019-Fall 2022 |
| Econometrics (Face to Face, Online)                           | Spring 2020, 2021   |
| Environmental Economics (Face to Face)                        | Winter 2019, 2020   |
| Game Theory (Hybrid)  | Fall 2020           |
| Development Economics (Online due to COVID-19)                | Spring 2020         |

#### ▪ **Florida International University (Face-to-Face, Online)**

|   |                      |
|---|----------------------|
| Principles of Macroeconomics (Face to Face)       | Fall 2017, Fall 2018 |
| Principles of Microeconomics (Face to Face)       | Spr. 2017            |
| Introduction to Environmental Economics (Online)  | Spr. 2018, Fall 2017 |
| Natural Resource Valuation and Economics (Online) | Spring 2018          |

#### ▪ **St. Thomas University (Online MBA Program)**

|                                     |                      |
|-------------------------------------|----------------------|
| Statistical Analysis for Management | Spr. 2019, Sum. 2019 |
| Foundations for Business Studies    | Spr. 2019, Sum. 2019 |

#### ▪ **ASA University Bangladesh (Face-to-Face)**

|                              |                      |
|------------------------------|----------------------|
| Introduction to Econometrics | Fall 2009, Spr. 2010 |
| Managerial Economics         | Spring 2010          |

## CERTIFICATIONS AND TRAINING ON DATA ANALYTICS

---

- Introduction to Data Science, Conducted by IBM (via edX platform).
- Introduction to Data Analysis for Business, Conducted by University of Colorado Boulder (via Coursera platform).
- Complete Introduction to Business Data Analysis, Udemy Academy, San Francisco, CA.
- Fundamentals of Remote Sensing and Geospatial Analysis, Udemy Academy, CA.

## GRANT/STIPEND, HONORS, AWARDS, AND FELLOWSHIP

---

### **Rose Hulman Institute of Technology:**

- Summer Grant (\$6000) for creating online course in Econometrics 06/22-09/22
- Summer Grant (\$6000) for creating online course in Economics 06/21-09/21
- Summer Grant (\$6000) for creating adaptable courses in Economics 06/20-08/20

### **Florida International University:**

- Teaching Assistantship, Department of Economics 08/13-07/18
- Broad Fellowship, School of International and Public Affairs (SIPA) 05/2017
- Travel Fund, Graduate & Professional Student Committee (GPSC) 02/2017

### **Eastern Illinois University:**

- Outstanding International Student Award, International Students & Scholars 05/2012
- Annie Weller Scholarship, Graduate School 04/2012
- Graduate Student Investigator Award, College of Sciences 04/2012

## **CONFERENCES AND PRESENTATIONS**

---

### **92<sup>nd</sup> Southern Economic Association (SEA) annual meeting, November 19-21, 2022, Fort Lauderdale, FL**

- Will Present “The Impact of Displacement on the Mental Health: Evidence from Hurricane Maria” in Natural Disasters and Climate Change session.

### **91<sup>st</sup> Southern Economic Association (SEA) Annual Meetings, November 20-22, 2021**

- Presented “Flood and Wind Risk Perception: A Comparative Analysis of Evacuation Behavior during Hurricane Ivan” in 2b6. The Environment, Labor Markets session.

### **47<sup>th</sup> Eastern Economic Association (EEA) Annual Meetings, February 25-27, 2021**

- Presented “Flood and Wind Risk Perception: A Comparative Analysis of Evacuation Behavior during Hurricane Ivan” in 46b. US Economic History and Weather session.

### **Social Science Research Seminar at Indiana State University (ISU), February 23, 2021, Terre Haute, IN (Virtual Event)**

- Presented “Climate Change and Adaptation behavior in Agriculture: An Evidence from Farming Practices in Bangladesh” in the Department of Economics at ISU.

### **Research Seminar at Claflin University, February 1, 2021, Orangeburg, SC (Virtual Event)**

- Presented “Household Preferences for Risk Mitigation” in the school of Business at Claflin University.

### **Seminar on Research Methods, Eastern Illinois University (EIU), April 1, 2020, Charleston, IL (Virtual Event)**

- Presented “Household Preferences for Managing Coastal Vulnerability: State vs. Federal Adaptation Fund.” in the Department of Economics at EIU.

### **40<sup>th</sup> Middle East Economic Association (MEEA) annual meeting in conjunction with the Allied Social Science Association (ASSA), January 3-5, 2020, San Diego, CA**

- Presented “Natural hazards and Internal Migration: The role of transient versus permanent shocks” in Environmental Issues in ASSA Session.

### **Social Science Research Seminar at ISU, December 04, 2019, Terre Haute, IN**

- Presented “Internal Migration as an Effective Adaptation Strategy: Transient vs. Permanent Environmental Shocks” in the Department of Economics at ISU.

## **WORKSHOP PARTICIPATIONS**

---

- Organizing Decentralized Resilience in Critical Interdependent-infrastructure Systems and Processes annual workshop at George Washington University, June 14-15, 2019.
- Introductory Training in GIS Applications for Natural Resource Management at University of Florida (associated with Sea Grant Florida), May 1-4, 2017, Gainesville, FL
- South Florida Water Sustainability and Climate Project, January 14-16, 2017, Jupiter, FL
- Scientific Proposal Writing Workshop at University of Miami (associated with Rosenstiel School of Marine & Atmospheric Science, UM-RSMAS), April 12, 2016, Miami, FL
- Economics Course Design Workshop at the Department of Economics (associated with the Center for the Advancement of Teaching) in FIU, June 15-30, 2015, Miami, FL

---

## SOFTWARE PROFICIENCY

---

- Statistical Software (Advanced): Stata, R, EViews
- Statistical Software (Intermediate): Python, Gauss
- Geographic Information System (Advanced): ArcGIS, QGIS

---

## SERVICE AT RHIT

---

- Academic Advisor, Undergraduate Students of Double Major, Fall 2022-Present
- Current Member, Diversity Council Committee, Fall 2022-Present
- Member of Recruitment Committee, International Studies Program, Fall 2019 - Present
- Member of Curriculum Committee, Global Studies Certificate Program, Fall 2019-2020
- Volunteer Trainer, Connecting with Code camp for K-12 students, Summer 2021

---

## PROFESSIONAL SERVICE

---

### Reviewer for Journals:

- Land Economics
- Journal of Development Studies
- Economics of Disasters and Climate Change

### Professional Memberships:

- Member, American Economic Association (AEA)
- Member, Southern Economic Association (SEA)
- Member, Eastern Economic Association (EEA)

---

## REFERENCES

---

### **Kevin Christ**

Associate Professor of Economics  
Department of HSSA  
Rose-Hulman Institute of Technology  
E-mail: christ@rose-hulman.edu  
Phone: 812-229-4218

### **Abu Shonchoy**

Associate Professor  
Department of Economics  
Florida International University  
E-mail: shonchoy@fiu.edu  
Phone: 305-348-3352

### **A. Désiré Adom**

Professor  
Department of Economics  
Eastern Illinois University  
E-mail: aadom@eiu.edu  
Phone: (217) 581-2355

### **Pallab Mozumder**

Professor  
Department of Economics  
Florida International University  
E-mail: mozumder@fiu.edu  
Phone: 305-348-7146