Evening Schedule

6:00pm Social Time

7:00pm Welcome
Dr. Sanjeev Setia, Chair
Department of Computer Science

7:10pm Dinner

8:00pm Presentation of Awards
Dr. Sanjeev Setia, Chair
Department of Computer Science
Doctor of Philosophy
Computer Science

Indranil Banerjee
Dissertation Title: Problems on Sorting, Sets and Graphs
Major Professor: Dana Richards, PhD

Arda Gumusalan
Dissertation Title: Dynamic Modulation Scaling Enabled Real Time Transmission Scheduling For Wireless Sensor Networks
Major Professor: Robert Simon, PhD

Yun Guo
Dissertation Title: Towards Automatically Localizing and Repairing SQL Faults
Major Professors: Jeff Offut, PhD & Amihai Motro, PhD

Mohan Krishnamoorthy
Dissertation Title: Stochastic Optimization based on White-box Deterministic Approximations: Models, Algorithms and Application to Service Networks
Major Professors: Alexander Brodsky, PhD & Daniel Menascé, PhD

Arsalan Mousavian
Dissertation Title: Semantic and 3D Understanding of a Scene for Robot Perception
Major Professor: Jana Kosecka, PhD

Zhiyun Ren
Dissertation Title: Academic Performance Prediction with Machine Learning Techniques
Major Professor: Huzefa Rangwala, PhD

Md A. Reza
Dissertation Title: Scene Understanding for Robotic Applications
Major Professor: Jana Kosecka, PhD

Venkateshwar Tadakamalla
Dissertation Title: Analysis and Autonomic Elasticity Control for Multi-Server/Queues Under Traffic Surges in Cloud Environments
Major Professor: Daniel A. Menascé, PhD

Jianchao Tan
Dissertation Title: Image and Video Decomposition and Editing
Major Professor: Yotam Gingold, PhD
Haoliang Wang
Dissertation Title: Analysis of All-to-One and All-to-All Communications in Massively Scaled Wireless Sensor Networks
Major Professor: Robert Simon, PhD

Ermo Wei
Dissertation Title: Learning to Play Cooperative Games via Reinforcement Learning
Major Professor: Sean Luke, PhD

Qi Xing
Dissertation Title: Data-Driven Biomedical Analysis, Modeling and Validation
Major Professor: Qi Wei, PhD, Department of Bioengineering

Chaitanya Yavvari
Dissertation Title: Using Vehicular Dynamics to Enhance Safety and Security in Connected Autonomous Vehicles
Major Professors: Duminda Wijesekera, PhD & Zoran Duric PhD

Noor Bajunaid
Dissertation Title: Modeling and Optimization of Performance and Reliability of Distributed Autonomic Systems
Major Professor: Daniel Menasce, PhD

Robert Kurtz
Dissertation Title: Improving Mutation Testing with Dominator Mutants
Major Professor: Paul Ammann, PhD

Mohammad Rezaeirad
Dissertation Title: Methods for reducing threat intelligence pollution: An Empirical Study on Remote Access Trojan Ecosystem
Major Professor: Damon McCoy, PhD
Academic Achievement

Undergraduate

Applied Computer Science

Outstanding Academic Achievement
Benjamin Wenzel
Andriy Zasypkin

Computer Science

Distinguished Academic Achievement
Briana Abraham
Mohanad Almiski
Kaleab Belete
Sarah Binsalman
Rachel Cousins
Katherine Hough
Cody Kidwell
Sravishtta Kommineni
Zachary Olsen
Kasmath Fargana Syed Abuthagir
William Tiffany
Huu Vu

Outstanding Academic Achievement
Hader Ali Flayyih Al Haddad
William Garvey
David Guo
Michael-Andrew Keays
Albert Lam
James Lessley
Tirth Rami
Jad Rayes
Justin Schaare
Naassom Silva Rocha
Matthew Tentoni
Molly Thomson
Naveed Yahya-Zadeh
Distinguished Academic Achievement
Anne Martine Augustin
Douglas Hill
Matthew Kent
Tyler Lambert

Outstanding Academic Achievement
Haruka Konishi
Xiaoyue Ma
Deepanprakash Mathialagan
Yash Patel
Dat Phan
Ankita Sood

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Computer Science

Distinguished Academic Achievement
Julian Easley
Yuyang Gao
Ben Gelman
Bryan Hoyle
Joshua Lilly
David Pearson
Trevor Sharp

Outstanding Academic Achievement
Kyle Jackson
Peter Jansen
Sai Swetha Kamaraju
Anzal Zia Khan
Nusha Mehmanesh
Fritz Reese

Information Systems

Distinguished Academic Achievement
Susanne Alessi
Preethi Datla
Yiting Liu

Outstanding Academic Achievement
Robert Henderson

Information Security and Assurance

Distinguished Academic Achievement
Jaismary Alias
Pranay Apparaju
Padmavathi Duggireddy Lakshmireddy Gari
Afaaq Alam Patel
Arun Paul

Outstanding Academic Achievement
Yara Alkhalifah
Beverly Tomczak
Christine Tomczak

Software Engineering

Distinguished Academic Achievement
Anne Martine Augustin
Douglas Hill
Matthew Kent
Tyler Lambert

Outstanding Academic Achievement
Haruka Konishi
Xiaoyue Ma
Deepanprakash Mathialagan
Yash Patel
Dat Phan
Ankita Sood
Student Awards

Outstanding Undergraduate Student Award
Katherine Hough

Outstanding Graduate Student Award
Nasrin Akhter
Jianchao Tan

Teaching Assistant Awards

Distinguished Undergraduate Teaching Assistant Award
James Bruce
Adrian Calciu
Oleg Menyaylenko

Outstanding Undergraduate Teaching Assistant Award
Ahmed Ali
Ahmad Amin
Saleh Amireh
Shayan Amirhosseini
Isabel Bennett
Sean Cannan
Yuanqi Du
Preeti Joginapalli
Julien Kmec
Tram-Anh (TA) Nguyen
Apoorva Thumma

Distinguished Graduate Teaching Assistant Award
Nabil Darwich
Hamza Mughal

Outstanding Graduate Teaching Assistant Award
Anne Martine Augustin
Avneet Kour
Bhargavi Mavintop
Yash Patel
Ashwin Ravishankar
Hamed Savari
Qi Xing

Outstanding Undergraduate Student Award

Outstanding Graduate Student Award
Department Awards

Outstanding Faculty Research Award
Songqing Chen
Amarda Shehu

Outstanding Teaching Award
Jon Bell
John Otten
Yutao Zhong

Adjunct Faculty Award
Hal Greenwald

Service Award
Jeff Offutt
Mark Snyder

Staff Award
Ryan Lucas
Michele Pieper

Mason Awards

2019
Outstanding Teaching Award
Paul Ammann

Commonwealth of Virginia
State Council of Higher Education

2019
SCHEV Outstanding Teaching Award
Jeff Offutt

National Science Foundation

2019
NSF CAREER Award
Jonathan Bell
Thomas LaToza
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Cecelia Kimes  Beth Posocco  Ali Bahabib  Student Worker
Ryan Lucas  Linda Sheridan  Sophia Upshaw  Student Worker
Michele Pieper  Oliver Thompson
The Department of Computer Science wishes to thank all those who helped make this evening a success

Burke Florist
GMU Events Management
GMU Events Services
GMU Print Services
Special Occasions Catering

We would also like to thank all of you for joining us.
Congratulations again to all of our award recipients.