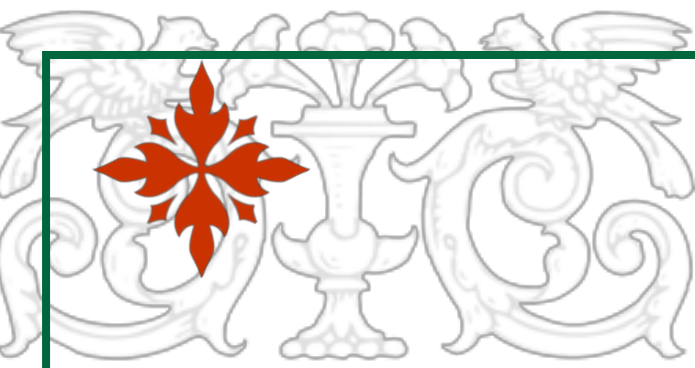**Department of Computer Science**

Graduation
& Celebration
Awards Dinner

2019

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

Doctor of Philosophy

Computer Science

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

Information Technology

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	Computer Science

Outstanding Academic Achievement

Benjamin Wenzel

Andriy Zasypkin

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

Academic Achievement

Graduate

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

Distinguished Graduate Teaching Assistant Award

Nabil Darwich

Hamza Mughal

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

Outstanding Graduate Teaching Assistant Award

Anne Martine Augustin

Avneet Kour

Bhargavi Mavintop

Yash Patel

Ashwin Ravishankar

Hamed Savari

Qi Xing

Department Awards

Outstanding Faculty Research Award

Songqing Chen

Amarda Shehu

Outstanding Teaching Award

Jon Bell

John Otten

Yutao Zhong

Service Award

Jeff Offutt

Mark Snyder

Adjunct Faculty Award

Hal Greenwald

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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Tarek F. Abdelzaher
University of Illinois at Urbana-Champaign
Deep Learning for I0T Systems

September 21
Adam Smith
Boston University
Privacy, Stability and Generalization

October 5
Romit Roy Choudhury
University of Illinois at Urbana-Champaign
The Internet of Acoustic Things (IoAT)

October 22
Ling Liu
Georgia Institute of Technology
Trust and Privacy of Deep Learning in Adversarial Settings

November 9
Ricardo Baeza-Yates
NTENT & Northeastern University
Explainable AI

November 26
Ming Lin
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November 30
Mihai Pop
University of Maryland
From Clustering to Variant Discovery: Algorithmic Opportunities in Microbiome Research

February 8
Tao Xie
University of Illinois at Urbana-Champaign
Intelligent Software Engineering: Synergy between AI and Software Engineering

April 5
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University of California Irvine
Deep Learning in the Biomedical Sciences

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Mona Singh
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Deciphering Cellular networks: From normal functioning to disease

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Dr. Mark Pullen
Dr. Huzefa Rangwala

Dr. Dana Richards
Prof. Katherine Russell
Dr. Sanjeev Setia, *Chair*
Dr. Amarda Shehu
Dr. Robert Simon
Dr. Mark Snyder, *Associate Chair*
Dr. Arun Sood
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Dr. Angelos Stavrou
Dr. Gheorghe Tecuci
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Dr. Craig Yu
Dr. Yutao Zhong

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Ali Bahabib *Student Worker*
Sophia Upshaw *Student Worker*

Thank You

The Department of Computer Science wishes to thank all those who helped
make this evening a success

Burke Florist

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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.

George Mason University
Volgenau School of Engineering
Department of Computer Science
4400 University Dr. MS 4A5
Fairfax, VA 22030