

The background of the entire page is a photograph of two graduates in green gowns and caps standing in a field of pink cherry blossoms under a blue sky. The graduates are seen from the back, looking towards the blossoms. The text is overlaid on a semi-transparent white rectangular area in the upper right portion of the image.

**DEPARTMENT OF COMPUTER SCIENCE**

*Graduation  
Celebration*

**& AWARDS PRESENTATION**

2020

# congratulations

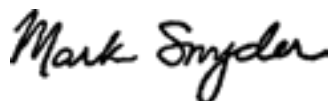
Congratulations on this wonderful achievement! All of us at the Computer Science Department are extremely proud of your success. We have seen first-hand how much effort you put into your learning. Those countless hours trying to debug that SEGFAULT, or trying to understand that 10-page project specification - it has all finally paid off. You represent those who have excelled in their academic pursuits, research endeavors, teaching roles and in helping others. Overcoming today's uncommon circumstances due to COVID-19 should make you and your loved ones proud of you.

Education is the most powerful tool with which you can change the world. We hope you use it to pursue your dreams and accomplish your goals as you move forward. Do stay in touch with us - we already miss seeing you in person in class.

Best for a bright future ahead.



Huzefa Rangwala  
Professor and Chair  
Computer Science  
Lawrence Cranberg Research Faculty Fellow  
George Mason University



Mark Snyder  
Assoc. Professor and Associate Chair  
Computer Science  
George Mason University



Elizabeth White  
Assoc. Professor and Associate Chair  
Computer Science  
George Mason University

# DOCTOR OF PHILOSOPHY

## *Computer Science*

### **Nasrin Akhter**

Dissertation Title: Summarization, Visualization, and Mining of Molecular Landscapes

Dissertation Director: Amarda Shehu, PhD

### **Georgios Georgakis**

Dissertation Title: 3D Model-Assisted Learning for Object Detection and Pose Estimation

Dissertation Director: Jana Kosecka, PhD

### **Qian Hu**

Dissertation Title: Machine Learning for Student Modeling and Forecasting

Dissertation Director: Huzefa Rangwala, PhD

### **Rohan Khade**

Dissertation Title: A Framework for Finding Patterns in Mixed and Streaming Data

Dissertation Director: Jessica Lin, PhD

### **Steven Meckl**

Dissertation Title: Cybersecurity Incident Response Orchestration using Agile Cognitive Assistants

Dissertation Director: Gheorghe Tecuci, PhD

### **Uma Tadakamalla**

Dissertation Title: FogQN-AC: Autonomic Resource Management and using Analytic Models  
for Fog/Cloud Computing

Dissertation Director: Daniel Menasce, PhD

## *Information Technology*

### **Ryan Johnson**

Dissertation Title: Automatic Program State Exploration Techniques for Security Analysis of Android Apps

Dissertation Director: Angelos Stavrou, PhD

### **Mohammad Rezaeirad**

Dissertation Title: Methods for Reducing Threat Intelligence Pollution: An Empirical Study  
on Remote Access Trojan Ecosystem

Dissertation Director: Damon McCoy, PhD

# ACADEMIC ACHIEVEMENT

## *Undergraduate*

### Applied Computer Science, BS

#### **Outstanding Academic Achievement**

Abdullah Alaqeel  
Oleg Menyaylenko

### Computer Science, BS

#### **Distinguished Academic Achievement**

Ahmed Ali	Grace Forbes	Tram-Anh Nguyen
Saleh Amireh	Christopher Gallarno	Tiernan Orourke
Timothy Baker	Carlos Guerra	Stuti Polra
Sarah Binsalman	Andrew Hrdy	Satyasaarika Putla
Aster Bodden Pineda	Sharon Jose	Ashwath Rashi
Benjamin Carver	Jesse McCandlish	Quang Vo

#### **Outstanding Academic Achievement**

Isabel Bennett	Jae-moon Hwang	Hannah Oentung
Mohammad Butt	Anish Kandumalla	Risheek Rajolu
Sean Cannan	Ki Woong Kim	Jordan Summers
Jagroop Chahal	Isaiah King	Joshua Westhoven
Sam Crater	Elaine Ly	William Yu
Paul Doody	Kevin Ly	



# ACADEMIC ACHIEVEMENT

## Graduate

### Computer Science, MS

#### **Distinguished Academic Achievement**

Hemankur Bhardwaj

John Dituro

Mohammadjavad Esfandiari

Taylor Henderson

Katherine Hough

Jordan Murphy

#### **Outstanding Academic Achievement**

Rishita Guduru

Nikhil Koneru

Goby Roland

Anjani Kumar Tetali

### Information Security and Assurance, MS

#### **Distinguished Academic Achievement**

Vladimir Corja

Chadia Habib

Joshua Koyeerath

#### **Outstanding Academic Achievement**

Brian Hession

Jonathan Torchia

### Software Engineering, MS

#### **Distinguished Academic Achievement**

Derek Luong

#### **Outstanding Academic Achievement**

Cassandra Bailey

Daniela Eidelman

Pravin Gurung

Bhargavi Mavintop

Joseph Schlupf

Harry Stine

Harry Trebing

Yang Kyu Yoo

### Information Systems, MS

#### **Distinguished Academic Achievement**

Ryan Billings

Sravishtta Kommineni

# STUDENT AWARDS

## **Outstanding Undergraduate Student Award**

Jesse McCandlish

## **Outstanding Doctoral Student Award**

Yifeng Gao

## **Distinguished Undergraduate Research Award**

Benjamin Carver

Yuanqi Du

Andrea Solis Castellanos

## **Outstanding Undergraduate Research Award**

Nicci Casenas

Ross Kinsey

Abhinav Kumar



# TEACHING ASSISTANT AWARDS

## *Undergraduate*

### **Distinguished Undergraduate Teaching Assistant Award**

Isabel Bennett

Yuanqi Du

Sarad Pant

### **Outstanding Undergraduate Teaching Assistant Award**

Evan Baker

Zachary Perkins

Sam Crater

Jake Sanchez

Tawhidul Islam

Prakreet Singh

Vandana Keshava Murthy

## *Graduate*

### **Distinguished Graduate Teaching Assistant Award**

Hamza Mughal

Tim Ren

Sabiha Salma

Yongqi Zhang

### **Outstanding Graduate Teaching Assistant Award**

Michael Crawshaw

Lekha Sarangapani

Archange Destine

Sulabh Shrestha

David Gonzalez Samudio

Hao Yan

Daniel McVicker

Hengrun Zhang

Abhishek Roy

# FACULTY & STAFF AWARDS

## Outstanding Faculty Research Award

Carlotta Domeniconi

Jana Kosecka

## Outstanding Teaching Award

Kevin Andrea

Raven Russell



## Outstanding Service Award

Paul Ammann

Liz White

## Outstanding Adjunct Faculty Award

Dmitri Kaznachey

Rob Pettit

## Outstanding Staff Award

Ryan Lucas

Michele Pieper



# DEPARTMENT OF COMPUTER SCIENCE

## *Industrial Advisory Board*

**Barbie S. Bigelow**

Jacobs Engineering

**Sriram Rajaraman**

Apple

**Alan Harbitter**

Harbitter Consulting, LLC

**Ken Smith**

Center for Innovative Computing  
& Informatics, The MITRE Corporation

**Mark Hartong**

Federal Railroad Administration  
(retired)

**Jim Stanley**

Northrop Grumman Corporation

**Laurel Fielding**

NetComm, Inc.

**Marc Surette**

Palo Alto Networks

**Hadi Rezazad**

Orchid Technologies & Management

**Sheri Cymrot**

Metron, Inc.

**Kenneth E. Nidiffer**

Software Engineering Institute

**Sundar Vaidyanathan**

Karsun Solutions

**Dennis V. Pereira**

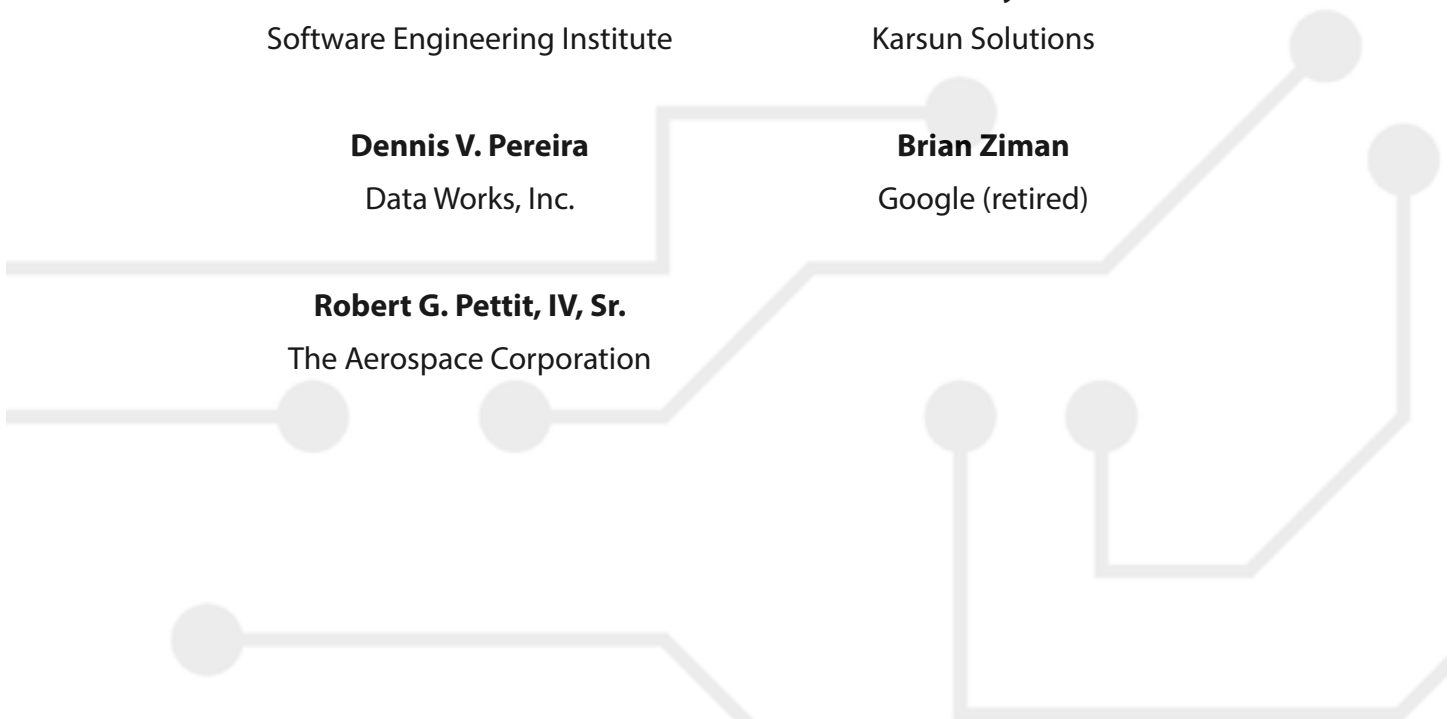
Data Works, Inc.

**Brian Ziman**

Google (retired)

**Robert G. Pettit, IV, Sr.**

The Aerospace Corporation



# DEPARTMENT OF COMPUTER SCIENCE

## Faculty

Dr. Jan Albeck	Dr. Jonathan Katz	Dr. Dana Richards
Dr. Paul Ammann	Dr. Larry Kerschberg	Prof. Katherine Russell
Prof. Kevin Andrea	Dr. Jana Kosecka	Dr. Sanjeev Setia
Prof. Ivan Avramovic	Dr. Maya Larson	Dr. Amarda Shehu
Dr. Hakan Aydin	Dr. Thomas LaToza	Dr. Robert Simon
Dr. Foteini Baldimtsi	Dr. Fei Li	Dr. Mark Snyder, <i>Associate Chair</i>
Dr. Daniel Barbara	Dr. Jyh-Ming Lien	Dr. Arun Sood
Dr. Jonathan Bell	Dr. Jessica Lin	Dr. Shvetha Soundararajan
Dr. Alex Brodsky	Dr. Sean Luke	Dr. Angelos Satvrou
Dr. Jim X. Chen	Tamara Maddox, Esq.	Dr. Gheorghe Tecuci
Dr. Songqing Chen	Dr. Daniel Menasce	Dr. Pearl Wang
Dr. Yue Cheng	Dr. Ami Motro	Dr. Xinyuan Wang
Dr. Ping Deng	Prof. Michael Neary	Dr. Harry Wechsler
Dr. Socrates Dimitriadis	Dr. Jeff Offutt	Dr. Elizabeth White, <i>Associate Chair</i>
Dr. Carlotta Domeniconi	Dr. Eric Osterweil	Dr. Duminda Wijesekera
Dr. Zoran Duric	Prof. John Otten	Dr. Craig Yu
Dr. Yotam Gingold	Dr. Parth Pathak	Dr. Yutao Zhong
Dr. Ana Loreto Gonzalez Hernandez	Dr. Mark Pullen	
Dr. Dov Gordon	Dr. Huzefa Rangwala, <i>Chair</i>	



# DEPARTMENT OF COMPUTER SCIENCE

## Adjunct Faculty

Prof. Ahmed Yousef Abu Jbara

Prof. Larry Bailey

Prof. Raymond Curts

Prof. Vinod Dubey

Prof. William Ellis

Prof. Laurel Fielding

Prof. Fred Geldon, Esq.

Prof. Harold Greenwald

Prof. Lei He

Prof. Marcel Katz

Prof. Dmitri Kaznachey

Prof. Duane King

Prof. Naren Kodali

Prof. Gerald Kowalski

Prof. Robert Kurtz

Prof. John McDowall

Prof. Kenneth Nidiffer

Prof. Erika Olimpiew

Prof. Robert Pettit

Prof. Michael Reep

Prof. Paul Seymer

Prof. Aaron Styx

Prof. David Wheeler

## Staff

Joshua Fletcher

Evan Frejo

Cecelia Kimes

Ryan Lucas

Michele Pieper

Beth Posocco

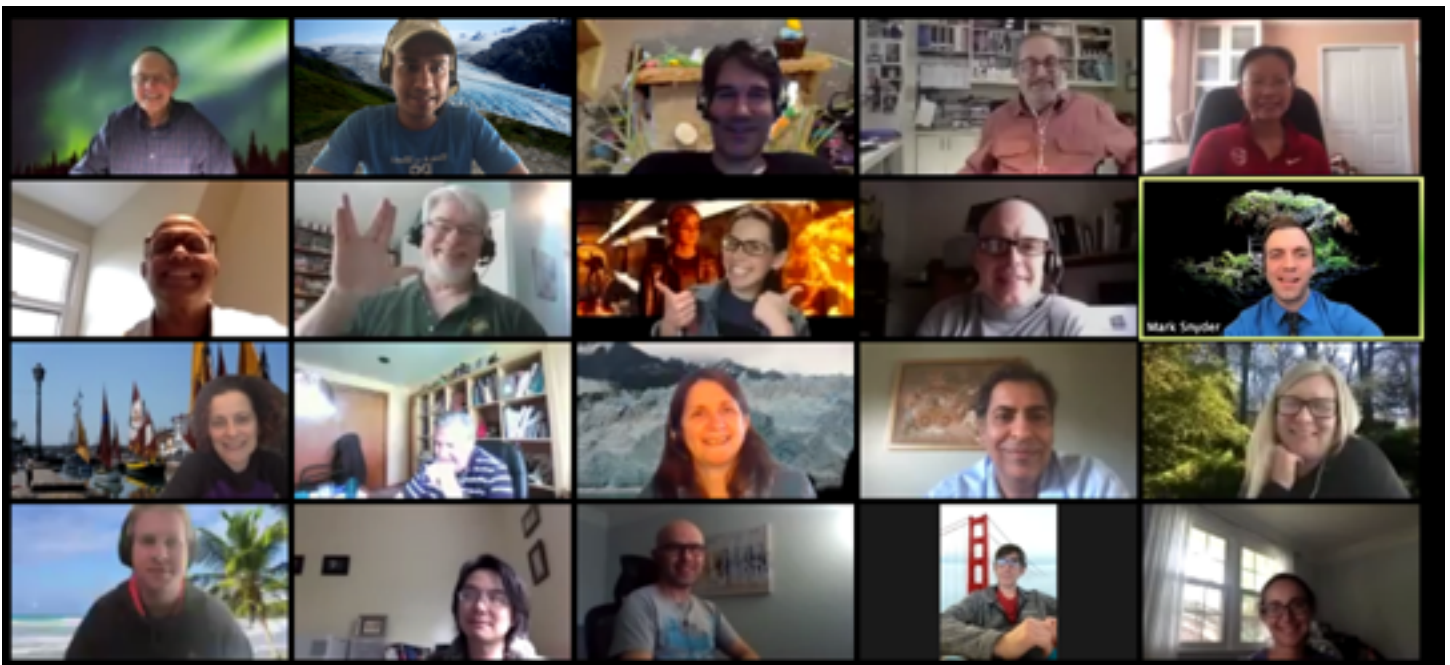
Linda Sheridan

**Student Workers:**

Willow Hasley-Velez

Alyssa Tsukamoto

Naomi Williamson







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Department of Computer Science  
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