

**Mission Statement**  
**Missouri University of Science**  
**and Technology**  
**Academy of Computer Science**  
**Revised April 18, 2008**

**PREAMBLE**

The Academy of Computer Science is established for the purpose of recognizing alumni for their outstanding professional achievement and success. It is to be an active organization serving as an advisor to the chair, faculty, and students of computer science.

**MISSION**

- To recognize computer science graduates who have provided outstanding leadership, have attained significant levels of professional achievement and success and who demonstrate high standards of personal and professional integrity.
- To provide advisory guidance and counsel at the call of the Chair of Computer Science, faculty, or students of the department.
- To strengthen the dedication and understanding of students to computer science through personal and professional example.
- To partner with the Computer Science Department to develop, advance, and sponsor key programs of both the Academy and the department by identifying, securing, and providing financial support.

**MEMBERSHIP**

Membership is by invitation only.

Eligibility requirements include:

- Nomination by a current academy member, or a current or emeritus faculty member
- Status as a graduate of Missouri University of Science and Technology (formerly known as MSM-UMR) granted at least 20 years prior to induction. In addition, the person shall have experience in computer science or in a computer science related field. (By a vote of the membership, this requirement may be relaxed to include members

with less than 20 years experience prior to induction; however, the majority of the membership must each possess at least 20 years of experience prior to induction. The by-laws also allow for limited honorary memberships.)

Demonstration of notable leadership and/or professional achievement and success, and admirable personal and professional integrity.

Commitment to support and enhance the Missouri S&T Computer Science Program.

Attendance at the induction ceremony.

**MEMBERSHIP EXPECTATIONS**

Commitment to support and enhance the Computer Science Department and thereby, its graduates.

Availability to the Chair of Computer Science, faculty, staff, students, and academy members at annual meetings and on select occasions.

Willingness and availability to provide external insight and advice on current research and educational issues as they relate to the private and public sectors.

**START-UP**

The Academy started with a three to five member Executive Committee selected by the Dean of the College of Arts and Sciences and the Chair of the Computer Science Department. The executive committee will:

Select a chair and secretary of the Executive Committee from its membership,

Approve a statement of agreement and understanding between the Academy and the Computer Science Department,

Write and approve the by-laws for the Academy,

Serve as the first nominating and membership committees of the Academy (including nomination of the President), and Induct those nominees accepted as members.

# Academy of Computer Science

Induction Ceremony & Banquet  
October 16, 2014

**Smart  
Computing™**

*50 Years of Excellence*



**Michael Aguilar**  
President and Co-Founder  
Innocorp, Ltd.  
Verona, WI

April 1992, Michael and his wife Deb had their lives altered by the actions of a drunk driver. Their son David and David's friend, Tyler, were playing in Tyler's front yard when a drunk driver crashed into the yard. Fortunately, the car missed David. Unfortunately, the drunk driver ran over Tyler. Tyler survived the encounter with the drunk driver but spent a week in the hospital recovering from his injuries. Four years later, Michael decided to work on a new idea that might help stop impaired driving and the resulting heartbreak of injuries and fatalities. In 1996, Michael co-founded Innocorp, Ltd. and developed the idea calling it Fatal Vision® Impairment Simulation Goggles. The goggles cause a wearer to experience the impairing effects of alcohol on balance and reaction time while retaining sober judgment so that they might realize the potentially severe consequences of driving impaired.

Today, educators, prevention advocates, traffic safety agencies, the U.S. Military, Law Enforcement and organizations around the world use Fatal Vision to educate people on the dangers of impaired driving. Aguilar led Innocorp's transition from a startup company, making and selling the Fatal Vision® Impairment Simulation Goggles from his dining room table, to an internationally recognized enterprise developing and selling a line of proprietary and innovative prevention and awareness tools and campaigns to prevention specialists and agencies in more than 70 countries.

An avid motorcycle rider, Aguilar expanded Innocorp's scope in an effort to educate all motor vehicle drivers, including motorcyclists. In 2005, Aguilar partnered with The National Highway Traffic Safety Administration (NHTSA) to develop a new impaired riding prevention campaign called Project Green-Yellow-Red (GYR). Then again, in 2009, Aguilar and the Blue Knights of Wisconsin Chapter XVIII teamed up to develop and promote a new motorcycle safety initiative called 5=Zero in Wisconsin working with the Wisconsin Department of Transportation.

Aguilar earned his Bachelor of Science degree in computer science from the Missouri University of Science & Technology in 1976. He went on to earn his MBA from St. Ambrose University in Davenport, Iowa in 1988. In 2009, Aguilar enrolled in the graduate school of Journalism and Mass Communication at the University of Wisconsin - Madison pursuing a PhD in Mass Communication.

Michael is on the board of the Madison-Dane County Safe Communities Coalition and served as board president for several years.

Happily married for 35 years, Deb and Michael have two grown children, 32-year-old Elizabeth and 28-year-old David, and grandchild, 20 month old Isabella Luisa, daughter of Elizabeth and Juan Carlos Medina. Deb Kusmiec-Aguilar is also a Rolla Computer Science grad from the class of 1979.

## **Academy of Computer Science Thirteenth Annual Induction Ceremony and Banquet October 16, 2014**

6:00 – 7:00 p.m. Reception

7:00 – 7:45 p.m. Dinner

7:45 – 8:10 p.m. Induction of New Academy Members  
Pam Leittermann, President, CS Academy

8:10 – 8:15 p.m. Welcome  
Dr. Robert Marley, Provost

8:15 – 9:00 p.m. History of Software  
Kim Tracy, Academy Member

9:00 p.m. Closing Remarks and Review of  
Academy Meeting Agenda