

**Dr. James O'Malley**



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**OBJECTIVE:**

- Develop, Design, Promote and Inspire STEM education for all learners

**EDUCATION:**

- National-Louis University - Doctoral Degree: Educational Leadership, 2015
- Northeastern Illinois University - Masters Degree in Learning Disabilities, 1998
- Northeastern Illinois University - Bachelors Degree in Elementary Education, 1994

**CERTIFICATION/AWARDS/LEADERSHIP:**

- Recipient - Presidential Award for Excellence in Math and Science Teaching 2014
- Golden Apple Finalist: Teacher of Distinction 2017 and 2023
- Golden Apple Scholar Mentor: 2023 - 2025
- Investigation Designer: Great Minds/PhD Science National Curriculum 2016 - 2023
- STEM Consultant – Horizon Science Academy, Belmont School
- National Board Certified Teacher – MCG 2001 – (Renewed 2X, 2011 2021)
- General Administrative Certification, Grades K-12
- State Level Finalist for PAEMST Award – 2006, 2008, 2010 and 2014
- Illinois Science Teachers Association Regional Director - Region 1
- STEM Leadership Committee – Skokie District 69 (2014 – present)
- Education Leader for Oasis for Orphans (U.S.) – 2009 - 2019
- Oasis Education Team Leader – Kenya excursions in Summers of 2011, 2014 and 2017
- Union President – Skokie Education Association – 2012 – 2014

**TEACHING EXPERIENCE:**

**Adjunct Professor Position** – Southern Illinois University - Methods of Science, Fall 2016, Methods of Math, Fall of 2017. National-Louis University, Fall 2017 – Methods of Math

- Developed detailed syllabus for fall semester
- Emphasis on NGSS exposure and hands-on lab experiences for students
- Created engaging and student-centered classroom experiences (150 minutes)

**Science Specialist** - Thomas A. Edison Elementary School, Skokie District 69

- August 2013 through June 2015
- Developed and modified new curriculum for 590 students (Grades 3, 4 and 5)
- Created lab activities that incorporated N.G.S.S. standards
- Twenty-five classrooms labs engaged and completed concurrently.
- Managed classrooms in a positive manner, students felt valued and respected.
- Maintained classroom records for all 590 students

- Promoted open communication with parents/caretakers/families

**Fourth and Fifth Grade Teacher** - Edison Elementary School, Skokie SD69:  
December, 1995 to 2013 (G4) and 2015 through present (G5)

- Instruction of all general, subject areas while providing support for diverse students with varying needs.
- Instruction is creative and engaging and often incorporates technology.
- Outstanding classroom management skills
- Classroom culture is extremely positive allowing all to feel valued and respected..
- Communication with parents/caretakers/families (email, phone, Twitter, website, text).

#### **ADDITIONAL LEADERSHIP EXPERIENCE :**

- Presenter at NSTA National Conference – Chicago, 2015
- Local Coordinator for Lake County –Illinois Regional Support Network for National Board, 2004-2006
- Co-Creator of D.A.D.S – Dudes who Are Dedicated to our School – volunteers for Edison
- Creator/Facilitator of X-Team – after school club for students in grades 4 and 5
- Grievance Chair for Edison Elementary School –2009 through 2012
- District Negotiation Team –2007 and 2012
- Fourth Grade Team Leader - 2005 – 2007
- Small Group Facilitator – Illinois Regional Support Network for National Board Candidates - 2003
- Mentor for National Board Candidates - 2001 – 2002 and 2007- 2014
- Facilitator of District 69 Chess Tournaments - Grades K-8 (45 tournaments)
- NASA Space and Rocketry Club Creator and Facilitator, 1999-2004, and 2006 - 2010
- Science Fair Facilitator for grades 3 - 5, 2008- present
- Science Teacher at Chicago Botanical Garden (summers), 2001 – present

#### **ADDITIONAL ACHIEVEMENTS :**

- Presidential Math and Science Award Mentor - 2016
- I.C.E. Academic Scholarship 2009, 2010
- Full Football Scholarship - Northeastern Illinois University
- N.A.I.A. All District Collegiate Football Team - three consecutive years
- Team Captain and Most Valuable Receiver - Northeastern Illinois University, 1988
- N.A.S.A. Student Involvement Program – regional award (student achievement))
- Exploravision Honorable Mention – 2014 and 2015 (student achievement)

#### **GRANTS/PROFESSIONAL DEVELOPMENT/PRESENTATIONS :**

- Toshiba America Grants - 2000 – “Space and Rocketry Project”, 2002 – “Science Library”, 2003 – “Sky Watchers and Rocket Launchers”, 2005 – “Hands-On Science Museum”
- National Education Association Grants - 2002 – “Space Science Documentaries”, 2003 – “The Techno Immersion Project” – purchase of multiple Macintosh computers/cameras

- District 69 Grants - 1997 – “Weather Instrumentation”, 1998 – “Writing Workshop: A Program to
- Enhance Students’ Writing”, 1999 – “Continuous Viewing Apparatus”
- Fund 69 Grant – 2007 – The Jason Project Curriculum for N.A.S.A. Club – “Mysteries, Earth and Mars”
- Aerospace Education Grant – Fall of 1999 - Rocketry Materials for N.A.S.A. Space and Rocketry Club
- **Community Relations** - Skokie Valley Kiwanis – Donations to N.A.S.A. Space and Rocketry Club, Science Fair –2008 – present
- Illinois Science Teachers Association Recognition Luncheon and Conference 2014
- N.A.S.A. Educator Workshop (N.E.W.), June, 1998- Two-week workshop at Kennedy Space Center –
- 25 participating teachers from throughout the U.S. that included multiple interactions with astronauts,
- dialogue with head of N.A.S.A, multiple professional development activities with scientists and
- collaboration and interaction with fellow teachers.
- Illinois Computer Educators member and attendance at annual conference 2004 – 2012.
- National Science Teacher Association Regional Conference Attendee, 2005 (Chicago)
- N.S.T.A. National Conference, 2012 (Indianapolis) and Chicago 2015 (presenter)