

Trevor Schuyler Hale, Ph.D.
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Professional:

- Adjunct Professor, Bauer College of Business, University of Houston, Houston, Texas, 2009-2010
- Senior Faculty Fellow, Office of Naval Research (ONR) Summer Faculty Fellowship Program, Port Hueneme, California, Summer 2009
- Assistant Professor, College of Business, University of Houston – Downtown, Houston, Texas, 2006 – Present
Semi-finalist for university level research award in 2009 and 2010
- Adjunct Professor, College of Business, Ohio University, Athens, Ohio, 2005 – 2006
- Assistant Professor, College of Engineering, Ohio University, Athens, Ohio, 1999 – 2006
Finalist for college level teaching award in 2001 and 2003
Approved for tenure by department
- Assistant Professor, College of Engineering and Technology, Colorado State University – Pueblo, Pueblo, Colorado, 1996 – 1999
Outstanding Faculty Member of the Year for the college in 1999 (30+ faculty)
- SRC/SEMATECH Graduate Fellow, Semiconductor Research Corporation, Research Triangle Park, North Carolina and SEMATECH, Inc., Austin, Texas, 1993 – 1995
- Graduate Research Assistant, Department of Industrial Engineering, Texas A&M University, College Station, Texas, 1992 – 1993
- Production Manager (commercial grade hybrid microelectronics), Sipex Corporation, Billerica, Massachusetts, 1990 – 1992
- Manufacturing Engineer (military grade hybrid microelectronics), Lockheed Martin Incorporated, Nashua, New Hampshire, 1988 – 1990
Rookie Engineer of the Year for Lockheed's Nashua facility in 1989 (110+ new grads)

Education:

- Ph.D., Operations Research, Texas A&M University, College Station, Texas, 1997
Perennial top ten US News & World Report PhD program
Nominated for the INFORMS/United Parcel Service – SOLA Dissertation Prize in 1997
Awarded Semiconductor Research Corporation Graduate Fellowship in 1993
- M.B.A. Coursework, Ohio University, Athens, Ohio, 2005-2006
Graduate student senator for the College of Business in 2005-2006
- M.S., Engineering Management, Northeastern University, Boston, Massachusetts, 1990
Coursework included accounting, finance, strategy, and organizational psychology
- B.S., Industrial Engineering, Penn State University, State College, Pennsylvania, 1988

Research and Teaching Interests:

- Management Science, Operations Management
 - Delivered College of Business course in management science (05, 06, 07, 08, 09, & 10)
 - Delivered College of Engineering course in operations management (96, 98, 99, 00, & 06)
 - Developed operations management class for supply chain certificate program (05)
- Location Science, Logistics, Networks, Graphs, Supply Chains, and Distribution Systems
 - Published over twenty refereed articles in location science
 - Invited Special Guest Editor: *IJIE: Special Issue on Facility Location*
 - Maintain oft-cited on-line bibliography of facility location and location science references: <http://www.uhd.edu/~halet>
 - Developed and delivered graduate course in location and layout science (01, 03, & 04)
 - Participated in graph theory research group (08 & 09)
 - Developed and delivered advanced graduate course in supply chain management (05)
- Grid Energy Storage Management
 - Office of Naval Research Senior Faculty Fellow (09)
 - Investigated grid energy storage enabled energy arbitrage for the US Navy
 - Developed grid energy storage/carbon footprint reduction ratio
- Probability and Statistics
 - Delivered undergraduate and graduate courses in prob/stat (97, 99, 00, 01, 02, 03, & 04)
 - Developed and delivered undergraduate course in design of experiments (02)
 - Applied probability theory in decision support systems
- Simulation and Modeling
 - Delivered undergraduate course in discrete vent simulation (97, 98, & 99)
 - Simulation consultant to BFGoodrich Aerospace (98)
- Distance Education
 - Delivered undergraduate ITV management science course (09)
 - Delivered graduate level operations management course via compressed video feed (06)
 - Delivered graduate level quality control course via microwave broadcast (01 & 02)
 - Delivered graduate level project management course via microwave broadcast (02)
 - Delivered graduate level operations research course via compressed video feed (04)

Courses Taught:
 Three credits unless otherwise noted
Graduate courses in italics

Texas A&M		Spring 96 INEN 425 Facilities
CSU-Pueblo	Fall 96 EN 475 Facilities EN 477 Operations <i>EN 530 Project Mgmt.</i>	Spring 97 EN 420(4) Simulation EN 488 Senior Project EN 443 Quality Control
	Fall 97 EN 475 Facilities EN 315 Intro. To IE <i>EN 504 Scheduling</i>	Spring 98 EN 420(4) Simulation EN 488 Senior Project <i>EN 540 Adv. Eng. Econ.</i>
	Fall 98 EN 475 Facilities EN 477 Operations <i>EN 591 Location Science</i>	Spring 99 EN 420(4) Simulation EN 488 Senior Project

OU – Athens	Fall 99 ISE 432 Operations ISE 330 Eng. Econ.	Winter 00 ISE 441(4) Oper. Res. ISE445A Senior Project I	Spring 00 <i>ISE 630(1) Grad. Seminar</i> ISE 445B Senior Project II
	Fall 00 ISE 306(4) Prob/Stat II	Winter 01 <i>ISE 640 Location Science</i> ISE 445A Senior Project I	Spring 01 ISE 305 Prob/Stat I ISE 445B Senior Project II
	Fall 01 ISE 306(4) Prob/Stat II ISE 435 Quality Control <i>ISE 630(1) Grad. Seminar</i> <i>ISE 535 (OULN)</i>	Winter 02 ISE 305 Prob/Stat I ISE 445A Senior Project I <i>ISE 535 (OULN)</i>	Spring 02 ISE 305 Prob/Stat I ISE 445B Senior Project II <i>ISE 536 (OULN)</i>
	Fall 02 ISE 306(4) Prob/Stat II ISE 435 Quality Control	Winter 03 ISE 305 Prob/Stat I ISE 440A Facilities I	Spring 03 <i>ISE 640 Location Science</i> ISE 440B Facilities II <i>ISE 630(1) Grad. Seminar</i>
	Fall 03 ISE 435 Quality Control	Winter 04 ISE 305(4) Prob/Stat I ISE 440A Facilities I	Spring 04 ISE 407 Des. Experiments ISE 440B Facilities II <i>ISE 561 Mgmt. Science</i>
	Fall 04 ISE 441(4) Oper. Res. <i>ISE 640 Location Science</i>	Winter 05 ISE 440A Facilities I ISE 435 Quality Control	Spring 05 ISE 440B Facilities II <i>ISE 655(4) Advanced SCM</i> <i>ISE 630(1) Grad. Seminar</i>
	Fall 05 ISE 441(4) Oper. Res. <i>ISE 541 Oper. Res.</i> OPS 300 Mgmt. Science	Winter 06 ISE 435 Quality Control	Spring 06 ISE 432 Operations <i>ISE 532 Operations</i>

UH – Downtown	Summer 06 MGT 3332 (2 sect)	Fall 06 MGT 3332 (4 sect)	Spring 07 MGT 3332 (4 sect)
	Summer 07 MGT 3332 (2 sect)	Fall 07 MGT 3332 (4 sect)	Spring 08 MGT 3332 (3 sect) BA 3300
	Summer 08 MGT 3332 BA 3300	Fall 08 MGT 3332 (4 sect)	Spring 09 MGT 3332 (4 sect)
	Summer 09 MGT 3332 BA 3300	Fall 09 MGT 3332 (3 sect) <i>MGT 6332 Mgmt. Science</i>	Spring 10 MGT 3332 (3 sect)

UH	Fall 09 <i>SCM 7377 Project Mgmt.</i>
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Refereed Journal Publications:

- Coy, S., Gupta, O., and Hale, T., “Does the Statistics Prerequisite Help Students Succeed in Management Science?” *INFORMS Transactions on Education*, (to be submitted).
- Hale, T., “Closed form expressions for some average distance results”, *American Journal of Mathematical and Management Sciences*, (to be submitted).
- Strain, C. and Hale, T., “Enhancing the GE/McKinsey – BCG matrices: A corporate level strategic decision making tool”, *International Journal of Management and Decision Making*, (to be submitted).
- Hale, T., “The k -centra location problem on a network”, *IIE Transactions*, (to be submitted).
- Huq, F., Hale, T., and Pujari, N. “A continuous approximation procedure for determining inventory distribution schemas within supply chains: Part Three: Generalized production and shipping patterns”, *Decision Sciences Journal*, (to be submitted).
- Hale, T., Pujari, N., and Huq, F., “A continuous approximation procedure for determining inventory distribution schemas within supply chains: Part Two: Asynchronous production and shipping patterns”, *European Journal of Operational Research*, (to be submitted).
- Hale, T., Weeks, K., and Tucker, C., “Time-of-use rate energy arbitrage and carbon footprint reduction with grid-energy-storage systems”, *World Review of Entrepreneurship, Management and Sustainable Development*, (submitted and under review).
- Martin, C., Huq, F., Hale, T., and Willey, Q., “The drop lot location problem on a supply chain”, *World Review of Intermodal Transportation Research* (accepted and to appear).
- Huq, F., Martin, C., Cutright, K., and Hale, T., “A sensitivity analysis procedure for Bayesian decision making”, *International Journal of Decision Sciences, Risk and Management*, 2009, Vol. 1, No. 1/2, pp. 23-35.
- Hale, T., Hanna, M., and Huq, F., “The generalised dwell point location problem”, *International Journal of Industrial and Systems Engineering*, 2009, Vol. 4, No. 4, pp.446-454.
- Hale, T., Huq, F., Blackhurst, J., and Cutright, K., “Closed form models for dwell point locations for overhead bridge cranes”, *International Journal of Operational Research*, 2009, Vol. 4, No. 4, pp. 412-421.
- Kotian, S., Bonilla, C., and Hale, T. “The planar k -centra location problem”, *Open Industrial and Manufacturing Engineering Journal*, 2008, Vol. 1, pp. 42-49.
- Hale, T. and Huq, F., “A distance metric for cylindrical semiconductor fabrication facilities”, *International Journal on Sciences of Industrial and Systems Engineering and Management*, 2008, Vol. 2, No. 4, pp. 1-7.
- Pujari, N., Day, J., Huq, F., and Hale, T., “A framework for an integrated distribution system optimization model”, *International Journal of Logistics Systems and Management*, 2008, Vol. 4, No. 5, pp. 506-522.
- Hale, T., Huq, F., and Pujari, N., “Closed form models for dwell point locations in automated storage carousel systems”, *International Journal of Production Research*, 2008, Vol. 46, pp. 1089-1098.
- Pujari, N., Hale, T., and Huq, F., “A continuous approximation procedure for determining inventory distribution schemas within supply chains”, *European Journal of Operational Research*, 2008, Vol. 186, pp. 405-422.
- Parthasarathy, M., Hale, T., Blackhurst, J., and Frank, M. “The three-dimensional Fermat-Weber problem with Tchebychev distances”, *Journal of Advanced Modeling and Optimization*, 2006, Vol. 8, pp. 65-71.

- Hale, T. and Moberg, C., "Improving supply chain disaster preparedness: A decision process for secure site location", *International Journal of Physical Distribution and Logistics Management*, 2005, Vol. 35, pp. 195-207.
- Hale, T. and Moberg, C., "Location science research: A review", *Annals of Operations Research*, 2003, Vol. 123, pp. 21-35.
- Hale, T., "Foreword to the special issue on facility layout and facility location", *International Journal of Industrial Engineering*, 2002, Vol. 9, p. 5.
- Hale, T., Smith, D., and Wysk, R., "A gross aggregation technique for the p -median location problem", *International Journal of Operations and Quantitative Management*, 2000, Vol. 6, pp. 129-135.
- Hale, T. and Hale, L., "An aggregation technique for location problems with one-dimensional forbidden regions", *International Journal of Industrial Engineering*, 2000, Vol. 7, pp. 133-139.
- Peters, B., Smith, J., and Hale, T., "Closed form models for determining the optimal dwell point location in automated storage and retrieval systems", *International Journal of Production Research*, 1996, Vol. 34, pp. 1757-1772.
- Cho, H., Derebail, A., Hale, T., and Wysk, R., "A formal approach to integrating computer aided process planning and shop floor control", *ASME Journal of Engineering for Industry*, 1994, Vol. 116, pp. 108-116.

Book Chapters:

- Hale, T., "Facility location: A synopsis and taxonomy." In Industrial Engineering Applications and Practice: User's Encyclopedia, ISBN 0-9654599-0-X, Mital, A., (Ed.), 1999, University of Cincinnati Press, Cincinnati, Ohio.

Synergistic Research Efforts:

- "Product-Distribution-System Research Frontiers within the University of Houston System" Organized and chaired a research session at the 2007 Decision Sciences Institute Conference in Phoenix, Arizona that included researchers from UH-Downtown, UH-Clear Lake, UH, and UH-Victoria.

Refereed Conference Proceedings:

- Cutright, K., Martin, C., Hale, T., and Huq, F. "Sensitivity analysis in the Bayesian approach to decision making", Proceedings of the 37th Annual Meeting of the Decision Sciences Institute, San Antonio, Texas, 2006.
- Martin, C., Hale, T., and Huq, F., "On the drop lot location problem", Proceedings of the 36th Annual Meeting of the Decision Sciences Institute, San Francisco, California, 2005.
- Hale, T., "On the dwell point location problem for storage/retrieval systems", *Proceedings of the 14th Industrial Engineering Research Conference*. May 15-18, 2005, Atlanta, Georgia (invited).
- Pujari, N., Hale, T., and Masel, D., "Dwell point locations in automated storage carousel systems", *Proceedings of the 13th Industrial Engineering Research Conference*, May 15-19, 2004, Houston, Texas (invited).
- Parthasarathy, M. and Hale, T., "On the three-dimensional Weber problem with Tchebychev distances", *Proceedings of the 13th Industrial Engineering Research Conference*. May 15-19, 2004, Houston, Texas (invited).

- Pujari, N. and Hale, T. "Dwell point locations in storage carousel systems with turnover based storage assignment policy", *Proceedings of the 8th International Journal of Industrial Engineering Conference*, November 10-12, 2003, Las Vegas, Nevada (invited).
- Pujari, N. and Hale, T., "Dwell point locations for multi-aisle warehouses with turnover based storage assignment policy", *Proceedings of 2003 GT/CM World Symposium*, July 28-30, 2003, Columbus, Ohio.
- Hale, T. and Masel, D., "A new facility layout construction technique", *Proceedings of the 12th Industrial Engineering Research Conference*, May 18-21, 2003, Portland, Oregon.
- Hale, T. and Masel, D., "Closed form models for dwell point locations in carousel storage systems", *Proceedings of the 11th Industrial Engineering Research Conference*, May 19-22, 2002, Orlando, Florida.
- Thangavelu, B. and Hale, T., "Multi-dimensional facility location problems" *Proceedings of the 10th Industrial Engineering Research Conference*, May 20-23, 2001, Dallas, Texas (invited).
- Hale, T., "A probabilistic methodology for estimating distances between nodes on a network" *Proceedings of the 9th Industrial Engineering Research Conference*, May 21-23, 2000, Cleveland, Ohio (invited).
- Heinen, M., Keyser, T., and Hale, T. "On the p -median location problem with one-dimensional forbidden regions", *Proceedings of the 8th Industrial Engineering Research Conference*, May 23-24, 1999, Phoenix, Arizona.
- Hale, T. and Hale, L., "Optimal dwell point locations in a multi-aisle automated storage and retrieval systems", *Proceedings of the 7th Industrial Engineering Research Conference*, May 8-10, 1998, Banff, Alberta, Canada.
- Hale, T. and Smith, D., "Expected distances between random points and the shortest path problem", *Proceedings of the 6th Industrial Engineering Research Conference*, May 17-18, 1997, Miami, Florida.

Seminars, Presentations, & Non-refereed Publications:

- Waller, B, Pepper, R., Redl, T., John, B., De La Vina, E., and Hale, T., "A graph theoretic approach to determining the location of distribution centers on a line: The facility-number of a path", DSI 40th Annual Meeting, November 14-17, 2009, New Orleans, LA.
- Huq, F, Pujari, N., and Hale, T., "Continuous approximation procedures for inventory distribution with asynchronous shipping patterns", INFORMS DC, October 12-15, 2008, Washington, DC.
- Alumni Speaker, Graduate Seminar Series sponsored by Parsons, Dept. of Industrial Engineering, Texas A&M University, College Station, Texas, October 2005
- Distinguished Alumni Graduate Seminar Speaker, Dept. of Industrial and Manufacturing Engineering, Penn State University, State College, Pennsylvania, April 2005
- Hale, T., Blackhurst, J., Cutright, K., and Huq, F., "Dwell point locations for dual overhead bridge cranes." INFORMS Denver, October 24-27, 2004, Denver, Colorado.
- Masel, D. and Hale, T., "On the dwell point location in carousel storage systems", INFORMS Miami Beach, November 4-7, 2001, Miami Beach, Florida (invited).
- Invited Graduate Seminar Speaker, Dept. of Industrial and Manufacturing Engineering, Penn State University, April 2001
- Hale, T. and Hale, L., "The use of electric fields in facility location research", INFORMS San Antonio, November 5-8, 2000, San Antonio, Texas (invited).
- Liu, G. and Hale, T., "On the planar k -centrum single facility location problem with Euclidean distances", INFORMS Salt Lake City, May 7-10, 2000, Salt Lake City, Utah (invited).

- Hale, T. "Expected distance functions and the single facility location problem with forbidden regions", 45th Regional Science Association International, November 11-14, 1998, Santa Fe, New Mexico.
- Mbika, P., Keyser, T., and Hale, T., "Mathematical programming and electronic networks", INFORMS Montreal, April 26-29, 1998, Montreal, Quebec, Canada.
- Hale, T. and Hale, L., "Expected distance functions and the single facility location problem", INFORMS San Diego, May 4-7, 1997, San Diego, California.
- Hashmi, J., Gunawan, W., and Hale, T., "Scheduling for waste management", 2nd Annual Southern Colorado Conference for Undergraduate Research, April 26, 1997, Colorado Springs, Colorado.
- Hale, T. "Optimal dwell point locations for servers in automated storage and retrieval systems", *SEMATECH Research Series in Semiconductor Manufacturing Automation*, March 1994.
- Hale, T., "Literature search concerning the design and simulation of semiconductor manufacturing facilities", *SEMATECH Research Series in Semiconductor Manufacturing Automation*, November 1993.
- Hale, T., "Industrial engineering toolset as applied to semiconductor manufacturing systems research", *SEMATECH Research Series in Semiconductor Manufacturing Automation*, November 1993.
- Hale, T., "A proposal for research: A fab scale performance model", *Proceedings of TECHCON '93*, September 28-30, 1993, Atlanta, Georgia.
- Peters, B., Yang, T.-H., Hale, T., and Scott, R., "Interbay automated material handling systems prototype cost/benefit model", *SEMATECH Tech Transfer* No. 93081757A-ENG, August 1993.
- Hale, T., "Quantity versus quality: A view from the inside", *Proceedings of the American Society of Engineering Education Gulf-Southwest Centennial Symposium*, April 2, 1993, Austin, Texas.
- Hale, T., "Advancements in Ag-filled conductive epoxies for use in military hybrid microcircuit applications", Joint Houston-Brazos Chapter IIE Meeting, February 19, 1992, Houston, Texas.
- Hale, T., "Seal CIM in hybrid microcircuit manufacturing" *New England Chapter of the International Society for Hybrid Microcircuits, 18th Annual Proceedings*, October 1, 1991, Andover, Massachusetts.

Professional Societies:

- National Intramural-Recreation Sports Association, 2007 – Present, Member
- Decision Sciences Institute, 2004 – Present, Member
- INFORMS, 1995 – Present, Senior Member
 - Board Member At Large: Section on Location Analysis (SOLA), 2004 – 2006**
 - Vice-Chair Publications: Section on Location Analysis (SOLA), 1998 – 2004**
 - <http://location.section.informs.org>
- Institute of Industrial Engineers, 1987 – 2007, Senior Member
 - President: Division of Operations Research, 2002 – 2003**
 - President: Pikes Peak Senior Chapter, 1997 – 1999**
 - Faculty Adviser: Colorado State - Pueblo Student Chapter, 1998 – 1999**
 - Secretary: Penn State Student Chapter, 1987 – 1988**
- EURO European Working Group on Locational Analysis, 1997 – Present
- National Science Foundation, Review Panel Member, 1999, 2000

- American Production and Inventory Control Society, 1999 – 2002
- American Society for Engineering Education, 1997 – 2000

Community Service:

- Member, Board of Trustees, Lone Star Chapter of National MS Society, 2008 – Present
<http://www.nationalmssociety.org/chapters/TXH/about-this-chapter/board-of-trustees/index.aspx>
- Advisory Council, National Collegiate Volleyball Federation, 2008 – Present
<http://www.ncvfvolleyball.com>
- Commissioner, Southern Intercollegiate Volleyball Association, 2006 – Present
<http://www.sivavolleyball.com>
- Martin Luther King, Jr., National Day of Service Volunteer, January 2008, 2009, 2010
<http://www.serve.gov>
- County Delegate, Brazoria County Board of Elections, March 2008
- Member, Lion's Club International, 2001 – 2003
- Member, Pueblo 2010 Commission, Task Force on Infrastructure, 1997 – 1999
- Member, Board of Directors, Colorado Springs Youth Symphony Association, 1997 – 1999

Committees:

- Department Committees/Service:

- **UHD Department Search Committee (SCM), 2009 – 2010**
- **UHD Department Search Committee, Chair (OB/HR/GM 2 positions), 2009 – 2010**
- **UHD Department Search Committee (SCM – Regena Scott), 2008 – 2009**
- **UHD Department Search Committee (Mgmt. Sci. – Om Gupta), 2007 – 2008**
- **UHD Department Search Committee (Mgmt. Sci.), 2006 – 2007**
- **UHD Ad Hoc MGT 3332 Course Review Committee, Fall 2006**
- **Ohio University Library Liaison, 2003 – 2005**
- **Ohio University Center for Teaching Excellence, 2003 – 2004**
- **Ohio University Department Search Committee (Gary Weckman), 2001 – 2002**
- **Ohio University Department ET 400 Presentations, 2000 – 2005**
- **Ohio University Department Recruitment Committee, 2000 – 2003**
- **Ohio University Department Search Committee, 2000 – 2001**
- **CSU-Pueblo Department Search Committee, 1997 – 1998**

- College Committees/Service:

- **UHD AACSB Maintenance Committee Chair, 2010 – 2011**
- **UHD AACSB Maintenance Committee, 2009 – 2010**
- **UHD Ad Hoc, COB White Board Committee, Fall 2007**
- **Ohio University College Fund Planning and Advisory Committee, 2001 – 2005**
- **Ohio University Robe Leadership Institute Board Member, 2002 – 2003**
- **Ohio University College Co-op Committee, 2000 – 2003**

Ohio University Service Course Champions Committee, 1999 – 2002
CSU-Pueblo College Grants Liaison Officer, 1998 – 1999

■ University Committees/Service:

UHD Academic Affairs Council, 2009 – 2011

UHD Academic Policy Committee, Chair, 2009 – Present

UHD Academic Policy Committee, Member, Fall 2008

UHD Men's Volleyball Club Coach, 2008 – 2009

http://www.uhd.edu/sportsandfitness/clubsports/volleyball_mens/index.html

UHD Director of Service Learning Search Committee, January 2008 – May 2008

UHD Special Advisory Committee on Graduate Studies, January 2008 – Present

UHD Faculty Senate, 2008 – 2009

UHD Academic Technology Committee, 2006 – 2008

UHD Faculty Marshal, December 2009 Commencement

UHD Faculty Marshal, May 2009 Commencement

UHD Faculty Marshal, December 2007 Commencement

UHD Faculty Marshal, December 2006 Commencement

Ohio University Curriculum Council, 2001 – 2003, 2004 – 2006

Ohio University Individual Course Sub-committee, 2001 – 2003, 2004 – 2006

Ohio University Faculty Senate, 2001 – 2003, 2004 – 2006

Ohio University Faculty Senate Alternate, 2000 – 2001

Ohio University NCAA Intercollegiate Athletics Committee, 2001 – 2006

Ohio University Men's Volleyball Club Faculty Adviser and Coach, 1999 – 2006

Sports Club Adviser of the Year, 2004

Ohio University Academic Quality Improvement Program, Steering Committee, 2003 – 2005

Ohio University Dean's Evaluation Committee (University College), 2004 – 2005

Ohio University Dean's Evaluation Committee (University College), 2003 – 2004

Ohio University NCAA Search Committee (Geoff Carlston), 2002 – 2003

Ohio University Outstanding Advisor Selection Committee, 1999 – 2001

Ohio University Army ROTC Scholarship Committee, 1999 – 2001

Ohio University NCAA Search Committee (Mike Lessinger), 1999 – 2000

CSU-Pueblo NCAA Search Committee (Stanley Perchan - AD), 1998-1999

CSU-Pueblo Faculty Senate, 1998 – 1999

Funded Research Projects:

■ Office of Naval Research Summer Senior Faculty Fellowship. 12/08, \$19,800

■ UHD Faculty Development Grant, Spring 2007, ~\$750

■ Voinovich Center PhD Fellow (w/ Aspegren), AY 2004-2005, ~\$20,000

- Voinovich Center Graduate Student Support, Fall 2004, ~\$4000
- Adena Ventures, Summer 2004, ~\$12,000
- GE Global Research Center, 2004, \$10,000
- Stocker Endowment Grant, AY 2004-2005, \$8,900
- Stocker Endowment Grant, AY 2003-2004, \$16,900
- Ohio University Research Committee, Fall 2002, \$6788
- Research Challenge Award, Winter 2003, \$5850
- Research Challenge Award, Summer 2002, \$6000
- Research Challenge Award, AY 2001-2002, \$6000
- Research Challenge Award, Spring 2001, \$4348
- Research Challenge Award, AY 2000-2001, \$6000
- Stocker Faculty Enrichment Fund Award, Winter 2004, \$830
- Stocker Faculty Enrichment Fund Award, Winter 2002, \$358
- Stocker Faculty Enrichment Fund Award, Spring 2001, \$500
- Stocker Faculty Enrichment Fund Award, Spring 2000, \$1064
- Stocker Faculty Enrichment Fund Award, Winter 2000, \$353
- Stocker Endowment Grant, August 1999 to June 2001, \$15,000
- INFORMS/CS Committee on Underrepresented Minorities and Women, 1998, \$295
- Colorado State University Faculty Scholar Grant, August 1998 to May 1999, \$2450
- BFGoodrich Aerospace, June 1998 to August 1998, \$14,400
- Pueblo Chemical Depot, January 1998 to May 1998, \$5000
- Systems Modeling Arena Software (w/ Keyser), September 1997, \$99,000 (in kind)
- SRC/SEMATECH Graduate Fellow, August 1993 to December 1994, \$29,400

Research Proposals:

- Office of Naval Research Summer Senior Faculty Fellowship. 12/09, \$19,800, Funded: TBD
- Office of Naval Research Summer Senior Faculty Fellowship. 12/08, \$19,800, Funded: Yes
- Office of Naval Research Summer Senior Faculty Fellowship. 12/07, \$19,200, Funded: No
- NASA Summer Faculty Fellowship. 5/06, \$18,000, Funded: No
- Voinovich Center PhD Fellow (w/ Aspegren). AY 2004-2005, ~\$20,000, Funded: Yes
- Voinovich Center Graduate Student Support. Fall 2004, ~\$4000, Funded: Yes
- Adena Ventures, Warehouse reference models. Summer 2004, ~\$12,000, Funded: Yes
- National Science Foundation ACT. 6/04, \$86,138, Funded: No
- National Science Foundation HSD/DM&R (w/ Moberg). 3/04, \$171,119, Funded: No
- Ohio University Research Priorities (w/ Huq). 2/04, \$3,331,000, Funded: No
- GE Global Research Center ATD Data Analysis. 1/04, \$10,000, Funded: Yes
- Stocker Foundation. 1/04, \$8,900, Funded: Yes
- Department of Homeland Security/TSWG. 12/03, \$43,000, Funded: No
- Office of Naval Research Summer Faculty Fellowship. 12/03, \$18,400, Funded: No
- NASA Summer Faculty Fellowship. 12/03, \$18,000, Funded: No
- Voinovich Center Graduate Student Support: AY 2003-2004, ~\$15,000, Funded: Yes

- National Security Agency Mathematical Sciences. 10/03, \$75,123, Funded: No
- National Science Foundation SGER. 10/03, \$62,201, Funded: No
- Stocker Faculty Enrichment. Summer 2003, \$600, Funded: No
- National Science Foundation ACT. 5/03, \$82,550, Funded: No
- Stocker Faculty Enrichment. 5/03, \$993, Funded: Yes
- National Science Foundation MRCIRS (w/ Moberg). 3/03, \$187,737, Funded: No
- Stocker Foundation. 1/03, \$16,919, Funded: Yes
- Stocker Foundation. 1/03, \$8,500, Funded: No
- National Science Foundation Engineering the Service Sector: 12/02, \$95,558, Funded: No
- National Science Foundation SGER. 12/02, \$99,828, Funded: No
- U.S. Navy Summer Faculty Fellowship. 12/02, \$18,400, Funded: No
- NASA Summer Faculty Fellowship. 12/02, \$17,756, Funded: No
- National Security Agency Mathematical Sciences. 10/02, \$73,000, Funded: No
- National Security Agency SPORT Program. 10/02, \$19,333, Funded: No
- Honda Initiation Grant. Fall 2002, \$50,000, Funded: No
- National Science Foundation CAREER: 7/02, \$408,596, Funded: No
- Emhart/NASA. Summer 2002, \$20,000, Funded: No
- National Science Foundation Dear Colleague Letter: 5/02, \$66,127, Funded: No
- Ohio University Research Committee. 2/02, \$6788.50, Funded: Yes
- Stocker Faculty Enrichment. 1/02, \$358, Funded: Yes
- U.S. Navy Summer Faculty Fellowship. 12/01, \$18,306, Funded: No
- Ohio University Research Challenge. Fall 2001, \$6000, Funded: Yes
- Ohio University Research Committee. 10/01, \$5614, Funded: No
- National Science Foundation SGER Proposal (w/ Masel). 10/01, \$39,569, Funded: No
- National Security Agency Young Investigator Proposal. 10/01, \$72,079, Funded: No
- Office of Naval Research Young Investigator Proposal. 10/01, \$280,366, Funded: No
- National Security Agency SPORT Program. 10/01, Amount: \$19,333, Funded: No
- Systems Engineers: 21st Century Engineers. 10/01, \$1810, Funded: Yes
- Ohio University Research Committee. 10/01, \$8000, Funded: No
- Ohio University Research Challenge. Summer 2001, \$6000, Funded: Yes
- Off Campus Housing, Athens, Ohio. Summer 2001, \$250, Funded: Yes
- National Science Foundation CAREER Proposal. 7/01, \$354,850, Funded: No
- Ohio University Research Challenge. (RC01-065). 7/01, \$6000, Funded: Yes
- City of Athens Tourism Development Grant Proposal. 1/01, \$600, Funded: Yes
- National Security Agency Young Investigator Proposal. 10/00, \$64,769, Funded: No
- Ohio University Research Challenge. (RC00-056). 10/00, \$4348, Funded: Yes
- Ohio University Research Committee. 10/00, \$6330, Funded: No
- Stocker Faculty Enrichment. 10/00, \$694, Funded: Yes
- Ohio University Research Committee. 10/00, \$8000, Funded: No
- National Science Foundation CAREER Proposal. 7/00, \$356,772, Funded: No
- Ohio University Research Challenge. (RC00-028). 7/00, \$6000, Funded: Yes
- Stocker Faculty Enrichment. 04/00, \$1064, Funded: Yes

Miscellaneous:

- Security Clearance: Confidential (*inactive*)
- Military CAC Card (*expires February 2010*)
- Courses taught: Quantitative decision making, operations management, probability, statistics, operations research – optimization, operations research – survey course, quality management, project management, engineering economy/finance, advanced engineering economy (graduate), sequencing and scheduling (graduate), facility layout and location, supply chain management, advanced location science (graduate), introduction to industrial engineering, senior project design, advanced project management (graduate), business cornerstone, statistical quality control, design of experiments, and discrete event simulation.
- Courses developed: Advanced location science (graduate), non-linear optimization (graduate), supply chain management, operations management, supply chains and logistics certificate capstone course (undergraduate), design of experiments (undergraduate), and advanced discrete event simulation (graduate).
- Editorial Boards: *International Journal of Industrial Engineering, The Open Industrial and Manufacturing Engineering Journal, International Journal on Sciences and Industrial Systems Engineering and Management*
- Journal Referee: *Networks and Spatial Economics, International Journal of Production Research, Decision Sciences Journal, International Journal of Business and Systems Research, Decision Support Systems, Journal of Business and Industrial Marketing, European Journal of Operational Research, Computers and Industrial Engineering, Computers and Operations Research, IIE Transactions, Operations Research, Annals of Operations Research, International Journal of Industrial Engineering, Journal of Manufacturing Systems, International Journal of Operations and Quantitative Management, International Journal of Modelling and Simulation, Optimal Control: Applications and Methods, and Studies on Locational Analysis*
- Book Reviewer: McGraw Hill, Marcel Dekker, Inc., Engineering and Management Press, Taylor and Francis, Ltd., John Wiley & Sons, & Prentice Hall, Inc.
- Session Chair: INFORMS San Diego 1997, IJIE San Antonio 1999, INFORMS Salt Lake City 2000, IERC Cleveland 2000, IERC Dallas 2001, INFORMS Miami Beach 2001, IJIE Las Vegas 2003, INFORMS Denver 2004, DSI Phoenix 2007, DSI New Orleans 2009
- Chair, PhD Committee: N. Pujari 2005
- Chair, Masters Committees: S. Kotian 2006, S. Martin 2004, B. Thangavelu 2003, H.-T. Ko 2001, C.-U. Jeung 1999
- Member, Graduate Committees: S.-J. Hong 2004 (PhD at Virginia Tech), T. Grobaski 2004, I. Al-Jarrah 2002 & 2005 (PhD), S. Datar 2002, A. Imaev 2002, P. Pletcher 2002, S. Gallaher 2002, K. Osra 2002, B. Pepper 2002, S. Thiruppalli 2002, J. Van Euwen 2001, Y. Eaton 2001, I. Aliwarga 2001, M. Narisetty 2000, P. Mbika 1998

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- Richard Wysk, Leonhard Chair and Professor, Penn State, 814.863.1001, rwysk@psu.edu
- Jennifer Blackhurst, Associate Professor, Iowa State, 515.294.2839, jvblackh@iastate.edu