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Orlando, FL 32826
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EDUCATION

- Ph.D.** Industrial Engineering, University of Central Florida, **2005**
Dissertation: Assessing the Impact of University Technology Incubator Practices on Client Performance
- M.B.A.** Business Administration, University of Central Florida, **1996**
- M.S.** Engineering Management, University of Central Florida, **1995**
- B.S.** Electrical Engineering, University of South Florida, Tampa FL, **1986**

APPOINTMENTS AT UCF

Co-Chair, UCF Complex Adaptive Systems Laboratory
President, Florida Business Incubation Association, **2006 - present**
Associate Vice President for Research and Commercialization, **December 2003 – Present**
Director, Florida Economic Gardening Institute, **November 2009 - Present**
Associate Professor, Department of Management, **2004**
Director of Sponsored Research, **March 2000 – December 2003**
Executive Director, UCF Business Incubation Program, **October 1999 – Present**
Associate Director, School of Optics / Center for Research and Education in Optics and Lasers (CREOL), **January 1991- March 2000**
Chief Financial Officer, Crystal Photonics, **January 1994 - March 1996**

PROFESSIONAL EXPERIENCE

March 2000 – Present University of Central Florida

Associate Vice President for Research and Commercialization

- Senior member of team responsible for overall program of research and commercialization at the second largest University in the USA. Specific areas of responsibility include sponsored programs office, compliance office, animal care facilities, intellectual property, business incubation program, IRB and IACUC, innovation and entrepreneurial centre, and community economic development.
- Develops programs to foster traditional and multidisciplinary research with Federal, State, and Industrial sponsors.
- Responsible for administration of internal incentive programs and the Florida High Tech Corridor Matching Grants Program.

Accomplishments of note during this period include:

- UCF College of Engineering and Computer Science Distinguished Alumni Recognition 2014
- I4 Business 2014 Entrepreneurs of the Year – presented with award for Entrepreneurial Development
- Schwartz Tech Awards 2014 - was presented with the Tech Community Champion Award
- UCF Business Incubation Program named Incubator of the Year by the National Business Incubator Association (NBIA) in 2004 and Incubator Network of the Year in 2013.
- Provided expert testimony before the Senate Committee on Commerce, Science, and Transportation on *The National Nanotechnology Investment: Manufacturing, Commercialization, and Job Creation*.
- Research funding increased fourfold.

- Record high numbers in patents, licenses, revenue in tech transfer.
- UCF ranked as high as third in US in patent impact
- Angel investor group founded and operational
- Development of sophisticated electronic contract management tools for faculty and staff.
- Helped create entrepreneurial culture at UCF that has resulted in undergraduate and graduate programs in entrepreneurship, high visibility for UCF, and significant funding.
- Core team member responsible for establishment of National Entrepreneurship Center.
- IRB and IACUC functions upgraded and received full accredited.
- Two new animal care facilities brought on line.

August 2013 to present Center for Innovation and Entrepreneurship

Founding Director

Established University Center to bring all of UCF's innovation and entrepreneurship activities together under one program. Created distributed management structure that provides academic, research, and practitioner based leadership across multiple Colleges and units. The Center includes academic and student focused programs on campus including UCF's Blackstone LaunchPad and Center for Entrepreneurial Leadership as well as outward looking programs such as UCF's Technology Transfer Office, Business Incubation Program, Grow FL program, the Venture Accelerator, and other programs. The goal of the Center is to coordinate and leverage resources to create a better, more efficient innovation and Entrepreneurial ecosystem for UCF and the community.

September 1999 – present University of Central Florida Business Incubation Program – UCFBIP

Founder & Executive Director

Established business incubation program to build strong companies in the Central Florida area. The center provides business coaching and mentoring services, access to University technical and business expertise, shared resources, and a rigorous program aimed at making companies financially stable and poised to make a significant impact in their industry sector. The Incubator has assisted more than 100 companies and typically houses 50 clients. In the first 5 years of operation companies in the program have created more than 900 jobs, raised more than \$190 million in funding, and generate revenues of more than \$200 million.

January 1994 – March 1996 Crystal Photonics, Orlando, Florida

Chief Financial Officer

Responsible for financial, administrative, and contractual operations for UCF spin out company. Company grew to multi-million dollar company specializing in growing optical crystals for several markets including Positron Emission Tomography (PET) systems used to diagnose cancer.

January 1991 – March 2000 CREOL, UCF, Orlando, Florida

Associate Director

Responsible for business operations of a major University research center. Responsibilities included directing overall programs of financial management, personnel services, procurement, receiving, physical facilities, supporting services, and contracts and grants administration.

May 1989 – Jan 1991 State University System of Florida, University of South Florida, Tampa, FL

Financial Director / Coordinator

Computer and Communications Services, Defense Advanced Research Project Agency (DARPA) / State University System Advanced Micro-electronic and Materials Program
Member of team with main responsibility for providing oversight of financial operations of \$40M DARPA funded research project.

Mar 1987 – May 1989

Iverson Computer Services, Clearwater, Florida

Project Engineer/Supervisor

Designed, tested, prototyped, documented, oversaw manufacturing, and maintained quality control over TEMPEST computers and peripherals. Security level: Secret

PROFESSIONAL & SERVICE ACTIVITIES

I-Q Task Force Committee Member, Florida Hospital, 2014

Board Member, Florida Research Consortium, 2010 - Present

Board of Directors, National Business Incubation Association, 2008 – Present, **Chair 2014-2015**

Associate Editor, Engineering Management Journal, 2007 – present

Peer Reviewer, **National Science Foundation**, *Partnerships for Innovation Program*, 2007

President, Florida Business Incubation Association, 2006 - Present

Board of Directors, Orlando Science Center, 2006-2013

Advisory Board Member, National Collegiate Inventors and Innovators Alliance – “Invention to Venture”,
1-day conference concept development, 2006 - Present

Board of Directors, Tampa Bay Technology Forum, 2005 - Present

Co-Chair, Florida Tech Transfer Conference, 2005 and **Council Member since 1999**

Board member, Bio Florida, 2004 - Present

Management & Executive Committee, National Entrepreneurship Center, 2003 - Present, **Chair 2013 - 2015**

Board of Directors, Greater Orlando Chamber of Commerce, 2008 - Present

Advisory Board Member, UCF Downtown Center, 2002 - 2006

Organizing Sponsor, National Conference for the Advancement of Research, 2002

Member, Mayor’s Task Force for High Tech Economic Development, 1999

Partner, Central Florida Technology Partnership, 1999

Core member, Florida High Technology Corridor Council, 1999 - Present

Member, Association of University Technology Managers, 1999

Member, Sponsored Research Administrators, 1995

Advisory Board Member, Florida Photonics Industry Cluster, 1993 - 1998

Dissertation Committee Member, (successful defense 2012) Joseph Daniel Bass, *Success in Technology Organizations*

Dissertation Committee Member, (successful defense 2012) Wilawan Onkham, *A Real Option Dynamic Decision (RODD) Framework for Operational Business Model Innovations*

Dissertation Committee Member, March 27, 2015 Barclay Brown, *A New Paradigm Integrating Business Process Modeling and Use Case Modeling*

COURSES TAUGHT

At UCF:

SPRING 2014, PAD 6746: Intellectual Property, Technology Transfer and Commercialization

SPRING 2013, PAD 6746: Intellectual Property, Technology Transfer and Commercialization

The course focuses on the role of research administration in technology transfer and commercialization of new innovations, including intellectual property relating to copyright, patents and trademarks.

SPRING 2009, EIN 6182: Engineering Management

Graduate level Industrial Engineering course. The goal of the course is to further develop engineering student’s ability to apply the engineering process to management and organizational issues. Students will be exposed to “real-life” problems through a case-study approach.

Spring 2007, GEB 6938; SPRING 2008, GEB 6516; SPRING 2009, GEB 5937; SPRING 2010, GEB 5516; SPRING 2011, GEB 5516; SPRING 2012, GEB 5516; SPRING 2013, SPRING 2014, GEB 5516, SPRING 2015, GEB 5516: Technology Commercialization & Entrepreneurship

Graduate level Management course focused on providing real world skills and knowledge to business and technology student entrepreneurs in the technology sector. Course number has changed numerous

times, but the basic content has stayed consistent.

Fall 2005, EIN 5140: Project Engineering:

Graduate level Industrial Engineering course focused on project management, budgeting, and other skills related to engineering based projects.

At Valencia Community College:

SPRING, FALL 1997-2000: MicroComputers:

2000 level course introducing business majors to personal computers and related software applications.

PAPERS

1. Garibay, I., Schoen, H., Hollander, C., Ozmen, O., O'Neal, T. *"Impact of Business Incubation in the Innovation Ecosystems: Agent –based computational models and experiences in Central Florida"* S2B Science-To-Business Marketing Conference, Zurich, June 2-4, 2014
2. Garibay, I., Hollander, C., Cameron, F., Lasrado, V., Garibay, O., O'Neal, T. *"A Simulation Study on the Firm-Level Impact of Business Incubation in an Innovation Ecosystem"* Technology Transfer Society T2S, Bergamo, Italy, November 2013
3. Garibay, I., Hollander, C., O'Neal, T., *"An Agent-Based Study on the Regional Impact of Business Incubation in Innovation Systems"* Warsaw School of Economics, Warsaw, Poland, September 2013
4. O'Neal, T., Garibay, I., Hollander, C., Ozmen, O., *"Towards Modeling Economic Ecosystems: an Initial Model and Preliminary Validation"* Presented at The Computational Social Society of the Americas Conference. Santa Fe, New Mexico, August 2013
5. Garibay, I., Lasrado, V., Ford, C., Sivo, S., O'Neal, T. *"A Comparative Simulation Study on the Benefits of Entrepreneurial Support Organization Membership"* Technology Transfer Society 2013 Conference, accepted paper, April 19-20, 2013
6. O'Neal, T., Lasrado, V., Ford, C., Sivo, S. *"An Analysis of the Performance and Lifespan of Graduated University Incubated Firms"*. Technology Transfer Society 2013 Conference, accepted paper, April 19-20, 2013
7. O'Neal, T., Ford, C., Schoen, H. *"Promoting Entrepreneurship across University of Central Florida's Campus and Beyond"*. Technology Transfer Society 2013 Conference, accepted paper, April 19-20, 2013
8. O'Neal, T., Pommier, C., Blanco Jimenez, F., Schoen, H. *"Comparing three Incubation processes in three different countries, France, Spain and the USA"*. Presented at the Technology Transfer Society 2013 Conference, April 19-20, 2013
9. Garibay, I., Hollander, C.D., O'Neal, T. *"A Preliminary Agent-Based Study on the Regional Impact of Business Incubation"*. Submitted to Conference of the European Social Simulation Association, Warsaw, Poland September 2013.
10. Garibay, I., Hollander, C.D., Khan, F., O'Neal, T., Turgut, D. *"Towards studying the impact of business incubation on regional economic performance: a high-level overview and preliminary experiment"*. Submitted to Workshop on Economic Science with Heterogeneous Interacting Agents, Reykjavik, Iceland June 2013.
11. O'Neal, T., Hollander, C., Garibay, I. *"Transformation Networks: A Study of how technological complexity impacts economic performance"*, Artificial Economics Conference, Castellon, Spain, September 2012
12. O'Neal, T., Ford, C., Lasrado, V., Sivo, S., Schoen, H. *"How does the choice to join a university-based business incubator affect client firm performance"* and *"The effect of regional characteristics on the relationship between university resources and knowledge-based firm performance"*, Technology Transfer Society 2011 Conference, accepted paper, University of Augsburg, Germany, September 21-23, 2011
13. O'Neal, T., Schoen, H., Ford, C., and Lasrado, V., *"Universities role as a Catalyst for Venture Creation: A Case Study of the University of Central Florida's role in the Greater Orlando Area"*. Technology Transfer Society 2011 Conference, accepted paper, University of Augsburg, Germany, September 21-23, 2011
14. Schoen, H. & O'Neal, T. *"Universities roles as a catalyst for venture creation"*. *International Conference on Science, Technology, Higher Education and Society in the Conceptual Age*, STHESCA 2011, Krakow, Poland, July 5-7, 2011.

15. O'Neal, T., Ford, C., Lasrado, V. and Schoen, H. "*The effects of regional and university endowments on Florida Technology startups: Preliminary findings and research agenda*". In Proceeding of the 2010 Annual Conference of the Technology Transfer Society. Presented at T2S 2010, Washington, D.C. USA. 2010
16. O'Neal, T., Ford, C., & Sullivan, D. "*Promoting Regional Entrepreneurship through University, Government, and Industry Alliances: Initiatives from Florida's High Tech Corridor*", 2010
17. O'Neal, T., and Schoen, H. "*Regional Innovation Strategy Development Practices*". Technology Transfer Conference, Greensboro, USA Oct. 2, 2009
18. O'Neal, T., and Schoen, H. "*The co-evolution of the University of Central Florida's Technology Incubator and the entrepreneurial infrastructure in Central Florida*" International Journal of Entrepreneurship and Innovation Management, Accepted chapter, April 2009
19. O'Neal, T., and Schoen, H. "*Technology Incubators as a Tool for Technology Transfer*". Technology Transfer Conference, Albany, USA Oct. 17-18, 2008
20. O'Neal, T., and Schoen, H. "*A University Incubator as a Catalyst for Knowledge Transfer*" The 2nd International Conference on Knowledge Generation, Communication and Management: KGCM Proceedings, August 2008
21. O'Neal, T., and Schoen, H. "*An Incubator as a Catalyst for Economic Development*" 2nd International FINPIN Conference Proceedings. Promoting Entrepreneurship by Universities, April, 2008
22. O'Neal, T. "*Creating Commercialization Partnerships and New Venture Opportunities at the University of Central Florida*" National Collegiate Inventors and Innovators Alliance Annual Conference, March 2006
23. Stevens, C., Schilze, W., Ford, C., O'Neal, T. "*Do Business Incubators Work? Perspectives on Incubator Success*," Academy of Management Annual Conference, August, 2005
24. O'Neal, T. "*Evolving a Successful University Based Incubator: Lessons Learned from the UCF Technology Incubator*," American Society of Engineering Management, 2005
25. O'Neal, T. "*The Role of Technology Incubators in Engineering Education*," American Society of Engineering Education, 2005
26. O'Neal, T. Effective University – Industry Partnerships, National Collegiate Inventors and Innovators Alliance Annual Conference Proceedings, San Diego, CA. May 2005
27. O'Neal, T. "*Maximizing University Partnerships*", The National SBIR Conference, Omaha, Nebraska, March 10, 2005
28. Kulonda, D. J. and O'Neal, T. "*Developing Financial Literacy in Budding Entrepreneurs*", Annual Conference and Exposition Proceedings ASEE, Salt Lake City, June 2004
29. O'Neal, T. "*Innovation, Technology Transfer, and Business Incubation*," The American Ceramic Society Annual Conference, Cocoa Beach, Florida, November 2004
30. O'Neal, T. "*Universities as Engines of Economic Growth*," University Economic Development Association Annual Meeting, October 2004
31. O'Neal, T. "*Innovation Strategies for Sponsored Research*," Society of Research Administrators Conference, Orlando, FL, March 2004
32. O'Neal, T. "*Using the SBIR program to seed your new technology startup*," Florida Business Incubation Association Annual Conference, October 2003
33. D'Cruz, C., O'Neal, T. "*Turning Engineers Into Entrepreneurs*" - ASEM National Conference, Tampa, October 2002
34. O'Neal, T., D'Cruz, C. "*Turning Engineers Into Entrepreneurs - A Holistic Approach*" USASBE Conference Proceedings, Hilton Head, SC, Jan 2003
35. O'Neal, T. "*Turning Engineers Into Entrepreneurs*" NCIIA Annual Conference Proceedings, Boston, Mar 2003

BOOK CHAPTERS

1. Paun, F., Contributor: O'Neal, T. (2014) "*I INNOVE THEREFORE I AM!*" - Visionaries of the XXI Century. Published by L'Harmattan
2. Hollander, C.D., Garibay, I., O'Neal, T. (2013) "*Transformation networks: A study of how technological complexity impacts economic performance*." In: Teglio, A., Alfarano, S., Camacho-Cuena, E., Gins-Vilar, M. (eds.) *Managing Market Complexity*, Lecture Notes in Economics and Mathematical Systems, vol.

- 662, pp. 15-26. Springer Berlin Heidelberg
3. O'Neal, T., Schoen, H. (2013) "*Academic Entrepreneurship and Technological Innovation: A Business Management Perspective.*" In Information Science Reference (an imprint of IGI Global), "Universities' Role as Catalysts for Venture Creation" (pp. 153-181). Hershey, PA: US
 4. O'Neal, T., Ford, C., Lasrado, V., & Sivo, S. (2012) "*The role of University of Central Florida in Regional Economic Development.*" In D. B. Audretsch, E. E. Lehmann, A. N. Link, & A. Starnecker (Eds.), *Technology Transfer in a Global Economy* (pp. 117-120). Boston, MA: Springer US.
 4. O'Neal, T., Ford, C., Lasrado, V., & Sivo, S. (2012) "*The Effect of Regional Characteristics on the Relationship between University Resources and Knowledge-Based Startup's Performance.*" In D. B. Audretsch, E. E. Lehmann, A. N. Link, & A. Starnecker (Eds.), *Technology Transfer in a Global Economy* (pp. 233-250). Boston, MA: Springer US.
 5. O'Neal, T., Schoen, H. (2010) "*The co-evolution of the University of Central Florida's Technology Incubator and the Entrepreneurship and Innovation Management*" *International Journal of Entrepreneurship and Innovation Management*.

INVITED TALKS AND PRESENTATIONS AT NATIONAL/INTERNATIONAL CONFERENCES/MEETINGS

1. O'Neal, T., Panel, University Startups & Global 1000 Conference, Washington, D.C., March 2015
2. O'Neal, T., Panel, Young President's Organization's Orlando Chapter event, Orlando, FL., March 2015
3. O'Neal, T., Guest Speaker, Modeling & Simulation Knights, Orlando, FL., February 2015
4. O'Neal, T., Guest Speaker, SBRN-Small Business Resource Network Meeting , Orlando, FL., February 2015
5. O'Neal, T., SmallBiz 180, *Collaborations and Partnerships*, Orlando, FL., January 2015
6. O'Neal, T., Keynote speaker 2015 Florida Research Administration Conference, Orlando, FL., January 2015
7. O'Neal, T., Starter Studio, *Tech Ecosystem in Central Florida*, Orlando, FL., January 2015
8. O'Neal, T., Florida Tax Watch Panel, Orlando, FL., November 2014
9. O'Neal, T., Per the request of Senator John Legg, O'Neal to be a panelist on the Florida Digital Classroom Initiative, Jacksonville, FL., November 2014
10. O'Neal, T., Brit Week Panel Discussion, Orlando, FL., November 2014
11. O'Neal, T., APLU Annual Meeting Panel Discussion, Orlando, FL., November 2014
12. O'Neal, T., 1st Annual Orlando Business Journal Economic Development Roundtable Panel Discussion, Orlando, FL., November 2014
13. O'Neal, T., 3rd, Annual NASA Innovation Expo, Cape Canaveral, FL., October 2014
14. O'Neal, T., "*Leveraging Higher Education Assets for Economic Development*", APPA Customer Connections Conference, Jacksonville, FL., October 2014
15. Lasrado, V., Sivo, S., Ford, C., O'Neal, T., Garibay, I. "*Do graduated incubated firms benefit from their relationship with university incubators?*" Technology Transfer Society 2014 Conference, Baltimore, MD., October 2014
16. Lasrado, V., O'Neal, T. "*Constructing & Conducting Economic Impact Studies: A case study of UCFs Business Incubation Program*" Technology Transfer Society 2014 Conference, Baltimore, MD., October 2014
17. O'Neal, T. "*Evolving Business Models: Incubators & Hybrids*", 28th Annual GWA Education Conference, Boca Raton, FL., September 2014
18. O'Neal, T. "*Talking Business in Seminole*" Invited to speak by Seminole County Economic Development Partners, Sanford, FL., June 2014
19. O'Neal, T., "*Commercializing Technology and Launching Start-ups*", NBIA's International Conference on Business Incubation 2014, New Orleans LA., May 2014
20. O'Neal, T., "The Essential Role of Research Universities in Regional Economic Development", Las Vegas Symposium hosted by Las Vegas Metro Chamber of Commerce. March 2014
21. O'Neal, T., "*Entrepreneurship is Alive and Doing Well in Central Florida*", Orange TV Live TV Show, March 2014
22. O'Neal, T., Keynote Speaker, "*Entrepreneurship*", Rotary Club of Orlando, March 2014

23. O'Neal, T., *"Business Incubation"*, Trajectories International, Naples, FL. September 2013
24. O'Neal, T., *"Managing a Network of Incubators"* and *"Focus on Pre-incubation and Post-incubation"*, NBIA's International Conference on Business Incubation 2013, Boston, MA., April 2013
25. O'Neal, T. and O'Donnell, M., *"Invention to Venture"* Workshop, IAMOT 2013, Porto Alegre, Brazil, April 2013
26. O'Neal, T., *"UCF's Impact on Entrepreneurship"*, Central Florida Disability Chamber of Commerce Youth Entrepreneurship Graduation, Orlando, FL., March 2013
27. O'Neal, T., Overview of the Office of Research & Commercialization and the Grow Florida Program, Southeast Chemistry Chairs Conference, Orlando, FL., March 2013
28. O'Neal, T., *"Start-up Business Environment in Florida"*, Florida Senate Commerce & Tourism Committee, January 2013
29. O'Neal, T., *"Opportunities and Importance of Entrepreneurship"*, Guatemala City, December 2012
30. O'Neal, T., Motivational speech on entrepreneurship at the Great American Teach In, Brandon, FL, November 2012
31. O'Neal, T., *"Technical Entrepreneurship"*, 9th Annual Invention to Venture Conference (I2V), Orlando, FL., October 2012
32. O'Neal, T., *"Entrepreneurialism"*, Florida League of Cities Annual Conference, Hollywood, FL, August 2012
33. O'Neal, T., *"Technological Entrepreneurship"*, Princess Sumaya University for Technology, Amman, Jordan, June 2012
34. O'Neal, T., *"Developing an Incubator in Your Community"*, FEDC Conference, Tampa, FL, June 2012
35. O'Neal, T., *"Incubators and the Economy"*, Winter Park Rotary Club, Winter Park, FL., June 2012
36. O'Neal, T., *"Manufacturing Innovation with NIAM-Sustainability Model and IP Policies"*, CREOL @ UCF, Orlando, FL., June 2012
37. O'Neal, T., *"UCF Economic Development Initiatives and Ecosystem including the Small Business Development Center"*, Small Business Resource Network, Orlando, FL., April 2012
38. O'Neal, T., Highlight the work that the Business Incubation Program and the Office of Research & Commercialization have done in terms of advancing green technologies regionally, Annual Green Symposium, Orlando, FL, April 2012
39. O'Neal, T., *"Entrepreneurship and Innovation"*, Alpha Upsilon Pledge Class of the Nu Chi Chapter of Alpha Kappa Psi Fraternity, Orlando, FL, March 2012
40. O'Neal, T., Keynote Speaker, *"What UCF is doing to promote engineering and engineering jobs in Central Florida?"*, 2012 Central Florida Engineer's Week Awards Banquet, Orlando, FL., February 2012
41. O'Neal, T., Panel discussion to introduce the i6 Green Florida Cleantech Acceleration Network project at the Space Coast Symposium, Cocoa, FL, February 2012
42. O'Neal, T., *"Innovative Regional Collaborations: Igniting Innovation 12: Cleantech Acceleration Network"*, Southeast FLC Conference, Orlando, FL., February 2012
43. O'Neal, T., *"What is Technology Entrepreneurship Anyway?"*, Invention to Venture (I2V), Orlando, FL, November 2011
44. O'Neal, T., *"Universities Role as a Catalyst for Venture Creation"*, *"How Does Choice to Join a University-Based Business Incubator Effect Firm Performance"* and *"The Effect of Regional Characteristics on the Relationship Between University Resources and Knowledge-Based Firm Performance"*, Technology Transfer Conference (T2S), Munich, Germany, September 2011
45. O'Neal, T., *"UCF's Role in Bringing Technical Assistance to Florida for Stage 2 Entrepreneurs and the Benefits"*, Beaver Street Enterprise Center 8th Anniversary Celebration, Jacksonville, FL, July 2011
46. O'Neal, T., *"Growing our Own"*, Florida Economic Development Council Annual Conference (FEDC), Orlando, FL, June 2011
47. O'Neal, T., *"Entrepreneurship; Grow Florida"*, EDC Development Council of Collier County, FL, May 2011
48. O'Neal, T., *"Florida's Economic Gardening Journey & Economic Gardening's Role in Florida's Entrepreneurial Eco-System"*, National Economic Gardening Conference, Orlando, FL, May 2011
49. O'Neal, T., *"Nurturing Early – Stage Funding Options"*, Orlando, Inc., Orlando, FL, May 2011
50. O'Neal, T., *"Resources available to support growth business development and healthy entrepreneurial Ecosystems"*, Osceola Entrepreneur Summit Workforce Central Florida, Kissimmee, FL, April 2011
51. O'Neal, T., *"Selecting the Right Clients"* and *"What is Economic Gardening & How Can It Help Your Incubator Clients?"*, NBIA 25th International Conference on Business Incubation, San Jose, CA, April 2011
52. O'Neal, T., Panel Discussion, *"Entrepreneurial ecosystem and where budding entrepreneurs can go to find help in building their companies"*, Rollins College, Winter Park, FL, April 2011
53. O'Neal, T., *"Entrepreneurship Opportunities"*, Society of Hispanic Professional Engineers (SHPE) Eastern

- Technical Leadership Conference, Orlando, FL, March 2011
54. O'Neal, T., "*University of Central Florida's Business Incubation Program*", Accelerate Ocala/Marion County Leadership Council, Heathrow, FL, March 2011
 55. O'Neal, T., Panel discussion on Ecosystem – Discuss element of the entrepreneurial ecosystem and how to enhance interconnections and collaborations, Orlando, Inc., Orlando, FL, February 2011
 56. O'Neal, T., Keynote Speaker, "*Economic Gardening-New Economic Development Approach and Implications for Local Economic Development Policy*", Miami-Dade Social & Economic Development Council, Miami, FL, January 2011
 57. O'Neal, T., Keynote Speaker, "GrowFL/University of Central Florida", Levy County Development Summit, Bronson, FL, January 2011
 58. O'Neal, T., "*What is Technology Entrepreneurship Anyway?*" and "*How UCF Can Help*", Invention to Venture 2010, Orlando, FL, November 2010
 59. O'Neal, T., "*Measuring the effects of regional and university endowments on technology based startup companies in Florida, USA*", Technology Transfer Society (T2S), Washington, DC, November 2010
 60. O'Neal, T. and Quello, S., "*Economic Gardening*", Florida Association of Chamber Professionals (FACP), Orlando, FL, October 2010
 61. O'Neal, T., Roundtable participant and speaker on entrepreneurship education, University of Edinburgh, School of Informatics, Edinburgh, Scotland, September 2010
 62. O'Neal, T., "*GrowFL, the State's Economic Gardening Engine*", 2010 Super Regional Leadership Conference, Kissimmee, FL, May 2010
 63. O'Neal, T., "*What is Economic Gardening & How Can it Help Your Incubator Clients*", NBIA's 24 International Conference on Business Incubation, Orlando, FL, May 2010
 64. O'Neal, T., "*GrowFL Technical Assistance Program*" Office of Tourism, Trade & Economic Development, Haines City, FL, March 2010
 65. O'Neal, T., "*Essentials for Discovery and Development*", Future of Florida Forum, Orlando, FL, October 2009
 66. O'Neal, T., *Research Proposal Writing Workshop*, UCF Graduate Career & Development Symposium, Orlando, FL, September 2009
 67. O'Neal, T., "University/Government/Industry Partnerships", DOD Beyond Phase II Conference, Orlando, FL, September 2009
 68. O'Neal, T., "*The role of Economic Gardening in creating a robust entrepreneurial eco-system*", 2009 Economic Outlook Conference, Orlando Florida, June 2009
 69. O'Neal, T., "*How to get Your Community Involved*" & "*Selecting the Right Clients*", National Business Incubation Association 23rd International conference, Kansas City, April 2009
 70. O'Neal, T., "*Supporting Student Innovation and Commercialization at University of Central Florida*", National Collegiate Inventors and Innovators Alliance Annual Conference March 2009
 71. O'Neal, T. and Schoen, H., "*Technology Incubators as a tool for Technology Transfer*" Tech Transfer Society Annual Conference on Entrepreneurship and Innovation Clusters,, Albany, Oct. 2008
 72. O'Neal, T., "*Supportive Relations with Allied Research Parks*", Malaysian Biotechnology Incubator Tour and Training arranged by National Business Incubation Association, Oct. 2008.
 73. O'Neal, T., "*The University's Role in Innovation Based Economic Development*," Third International Congress for Innovation and Technology Development, San Salvador, El Salvador, September 2008.
 74. O'Neal, T. and Schoen, H., "*A University Incubator as a Catalyst for Knowledge Transfer*" The 2nd International Conference on Knowledge Generation, Communication and Management: KGCM, July 2008
 75. O'Neal, T., "*Select for Success*" & "*Turning Engineers Into Entrepreneurs*" & "*Measuring Economic Impact*", National Business Incubation Association 22nd International conference, San Antonio, May 2008
 76. O'Neal, T. and Schoen, H., "*An Incubator as a Catalyst for Economic Development*" 2nd International FINPIN Conference. Promoting Entrepreneurship by Universities, April, Hämeenlinna, Finland, April 2008
 77. O'Neal, T., "*Establishing Successful University / Industry Interactions for Economic Development*," Arab Science and Technology Foundation Annual Conference, Cairo, Egypt, November 2007.
 78. O'Neal, T., "*Creating Commercialization Partnerships and New Venture Opportunities at the University of Central Florida*" National Collegiate Inventors and Innovators Alliance Annual Conference, March 2006
 79. O'Neal, T., Effective University – Industry Partnerships, National Collegiate Inventors and Innovators Alliance Annual Conference, San Diego, CA. May 2005
 80. O'Neal, T., "*Maximizing University Partnerships*", The National SBIR Conference, Omaha, Nebraska, March 2005
 81. Kulonda, D. J. and O'Neal, T., "*Developing Financial Literacy in Budding Entrepreneurs*", Annual Conference

- and Exposition Proceedings ASEE, Salt Lake City, June 2004
82. O’Neal, T., *“Innovation, Technology Transfer, and Business Incubation,”* The American Ceramic Society Annual Conference, Cocoa Beach, Florida, November 2004
 83. O’Neal, T., *“Universities as Engines of Economic Growth,”* University Economic Development Association Annual Meeting, October 2004
 84. O’Neal, T., *“Innovation Strategies for Sponsored Research,”* Society of Research Administrators Conference, Orlando, FL, March 2004
 85. O’Neal, T., *“Meet the Incubator of the Year”*, National Business Incubator Association’s annual meeting, Atlanta, GA, April 2004
 86. O’Neal, T., *“Using the SBIR program to seed your new technology startup,”* Florida Business Incubator Association Annual Conference, October 2003
 87. O’Neal, T., *“Technology Transfer and Business Incubation,”* Florida Economic Development Commission annual meeting, Tampa, Florida, June 2001
 88. O’Neal, T., *“Business Perspectives”*, Lake County Community College, Panel Discussion to be used as curriculum for business course. Lake County Florida, May,2001
 89. O’Neal, T., *“Entrepreneurship and High Tech Business Incubation,”* Central Florida Technology Partnership, May 2001
 90. O’Neal, T., Strategic Business Conference for High Technology Firms, TOPIE, Orlando, Florida, May 2001
 91. D’Cruz, C. and O’Neal, T., *“Turning Engineers Into Entrepreneurs”* - ASEM National Conference, Tampa, Oct 2002
 92. O’Neal, T. and D’Cruz, C., *“Turning Engineers Into Entrepreneurs - A Holistic Approach”*, USASBE Conference, Hilton Head, SC, Jan 2003
 93. O’Neal, T., *“Turning Engineers Into Entrepreneurs”* NCIIA Annual Conference, Boston Mar 2003
 94. O’Neal, T. and D’Cruz, C., *“A Holistic Approach for Turning Engineers Into Entrepreneurs”* IAMOT 2003 Conference, Nancy, France, May 2003
 95. O’Neal, T. and D’Cruz, C., *“Integration of Technology Incubator Programs with Academic Entrepreneurship Curriculum”*, PICMET ‘03 Annual Conference, Portland, July 2003

171 FUNDED PROJECTS WHERE THOMAS P. O’NEAL WERE EITHER PI OR CO-PI

Status	Title	Agency	Start Date	End Date	Funded
Current Research					
	Animal Care - Various Annual support (ID: 1042785)	Various	5/6/2005	6/30/2014	\$89,109.00
	Incubator - Various Support (ID: 1038953) (PI)	Various	7/1/2002	6/30/2015	\$8,123,951
	Joint USGS - UCF Research Program (ID: 1039180) (PI)	US Geological Survey	3/7/2005	9/30/2015	\$4,135,048
	MegaWatt Ventures - Innovation Ecosystem Development Initiative (ID: 1051302) (PI)	U. S. Department of Energy	10/1/2010	03/2015	\$1,050,000
	Staffing for the Florida Research Consortium (ID: 1046940) (PI)	Florida Research Consortium	11/1/2007	8/7/2015	\$1,192,596
	Central Florida - STEM Training Consortium (CF-STEM) (ID: 1053384) (PI)	US Department of Labor	4/2/2012	4/1/2016	\$ 5,000,000
	RF: UCF Business Incubator - Apopka (ID: 1053663) (PI)	City of Apopka	1/18/2012	1/18/2017	\$ 1,103,093
	RF: City of Orlando and National Entrepreneur Center Agreement 2014 - 2015 (ID: 1057999)	City of Orlando	10/1/2014	9/30/2015	\$ 100,000
	RF: UCF Business Incubator City of Orlando 2014-2015 Funding (ID: 1057879)	City of Orlando	9/1/2014	9/30/2015	\$300,000 (\$55,407 is for rent)

UCF Business Incubation Program - Research Park (2013) (ID: 1056241)	Orange County	10/1/2013	9/30/2015	\$ 125,000
UCF Business Incubation Program - Research Park (2014-2015) (ID:1058115)	Orange County	10/1/2014	9/30/2015	\$125,000
UCF Business Incubator International Soft Landing Program (2014-2015) (ID:1058117)	Orange County	10/1/2014	9/30/2015	\$10,000
Venture Accelerator (2014-2015) (ID: 1058099)	Orange County	10/1/2014	9/30/2015	\$ 125,000
GrowFL (2014-2015) (ID: 1058110)	Orange County	10/1/2014	9/30/2015	\$25,000
NEC: Central Florida International Trade Office (2014-2015) (ID:1057897)	Orange County	10/1/2014	9/30/2015	\$65,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding-LMCO (ID:1056218)	Lockheed Martin	8/9/2013	4/1/2016	\$150,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding-PEO STRI (ID:1056515)	PEO SRTI	10/28/2013	4/1/2016	\$37,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID:1057171)	Datanautix	4/2/2012	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID:1056248)	SAIC	9/16/2013	4/1/2016	\$15,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID:1057646)	3XLOGIC Florida, LLC	5/1/2014	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057270)	Agilesrc, LLC	7/7/2014	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID:1057285)	BBA Aviation USA Inc.	7/10/2014	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057419)	Cubic Simulation Systems, Inc.	5/12/2014	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057265)	GeoCove, Inc	7/26/2014	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057288)	Nexgen Global Technologies	6/27/2013	4/1/2016	\$15,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057287)	Orlando Utilities Commission	7/31/2013	4/1/2016	\$7,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057340)	Innovative Medical Device Solutions	5/14/2014	4/1/2016	\$15,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057309)	Program Works, Inc	7/12/2013	4/1/2016	\$22,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057345)	Aptas Technologies, LLC	5/9/2014	4/1/2016	\$22,500
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057426)	SightPlan Inc	6/1/2014	4/1/2016	\$10,800
FAN Assignment for I-Ting Kathy Chiu (IPA) (ID: 1057643)	Florida Angel Nexus	6/16/2014	6/15/2015	\$139,590
GrowFL – FHTCC (ID: 1053320)	FHTCC	9/1/2011	6/30/2017	\$130,500
IPA: AUTM Assignment for Valerie McDevitt/Stephen	Association University	03/24/2014	12/31/2017	\$909,837

Susalka (ID: 1057256)	Technology Managers (AUTM)				
RF-Osceola County Incubator Facility (ID: 1049337)	Osceola County	4/29/2009	3/11/2015	\$675,000	
RF-City of St. Cloud Incubator Facility (ID: 1048157)	City of St. Cloud	8/26/2008	3/11/2015	\$1,300,000	
RF: Florida Advanced Materials Research and Manufacturing Center (ID: 1057463)	University of South Florida	6/18/2014	6/30/2015	\$250,000	
RF: Kissimmee Business Incubator Funding for 2013-2016 (ID: 1056220)	City of Kissimmee	10/1/2013	9/30/2016	\$759,000	
RF: Universidad Autonoma de Occidente (UAO) iNNpulsA TTO Capacity Building (ID: 1057230)	Universidad Autonoma De Occidente	4/17/2014	4/16/2015	\$105,800	
RF: Winter Springs Incubator (County Funding) FY 2013/2014 - 2015/2016 (ID: 1056223)	Seminole County	10/1/2013	9/30/2016	\$720,000	
RF: Winter Springs Incubator City Funding 2013/2014-2015/2016 (ID: 1056224)	City of Winter Springs	10/1/2013	9/30/2016	\$225,000	
SURCAG: Continuous Real-Time Blood Coagulability Monitoring Technology (ID: 1051813)	Florida Technology, Research and Scholarship Board	11/10/2010	8/31/2015	\$130,000	
University of Central Florida I-Corps Sites Program: Enhancing Technology Commercialization to Develop a World-Class Innovations Ecosystem (ID: 1055907)	NSF	5/1/2014	4/30/2017	\$300,000	
RF: Enterprise Florida, Inc. - Strategic Service for Minority and Women-Owned Businesses (ID: 1058068)	Enterprise Florida, Inc.	07/01/2014	06/30/2015	\$50,500	
NEC: DEO State of Florida contract for NEC Activities (ID: 1058312)	State of Florida Department of Economic Opportunity	07/01/2014	06/30/2015	\$600,000	
Workforce Florida - Quick Response Training Grant (ID: 1056362)	Workforce Florida, Inc.	1/2/2014	1/1/2015	\$198,000	
Volusia County Incubator (ID: 1051781) (PI)	Volusia County	10/1/2010	9/30/2017	\$ 775,000	
Closed Research					
Laser Induced Damage Processing (ID: 23492)	Laser Classics	5/21/1999	8/31/1999	\$3,150.00	
Central Florida Research Park Support - Renumbered (ID: 25796)	OCRDA	1/1/1993	6/30/2005	\$50,000.00	
Central Florida Business and Technology Development Center (ID: 34259)	Technology Research & Development Authority	11/1/1999	4/30/2001	\$300,000.00	
Investigation of LsO Crystal Growth (ID: 34437)	Crystal Photonics, Inc.	8/20/1999	12/31/2000	\$51,587.00	
IPA for Dr. Ron Despard (ID: 36184)	NAVAIR Orlando TSD	10/1/2001	9/30/2004	\$358,392.00	
Downtown Center for Entrepreneurship, Commercialization, and Incubation (ID: 36209)	City of Orlando	12/14/2001	12/13/2004	\$150,000.00	
National Collegiate Inventors and Innovators Alliance (NCIIA) Course and Program Grant Proposal for Engineering Entrepreneurship Certificate Program (ID: 36390)	National Collegiate Inventors and Innovators Allia	2/1/2002	12/31/2002	\$1,550.00	
Self Vacuum Storage Bag E-Team (ID: 36392)	The Lemelson Foundation	2/1/2002	1/31/2003	\$1,700.00	

IPA- Theodore James Bryson (ID: 36554)	STRICOM	2/1/2002	1/31/2003	\$81,501.00
Advanced Simulation: High Tech Outreach Program (ID: 1036920)	STRICOM (via NAWC)	5/30/2002	9/30/2003	\$155,000.00
The Florida Innovation Partnership (ID: 1037185)	National Science Foundation	12/1/2002	11/30/2004	\$120,000.00
Telescope and Opto-Mechanical Support/Pre-IPA Delivery Order for Joe Houston (ID: 1037389)	SPAWAR	7/29/2002	10/28/2002	\$20,567.00
Kauffman Technology Entrepreneurship Leadership (KTEL) Program (ID: 1037850)	Ewing Marion Kauffman Foundation	3/1/2003	6/30/2004	\$33,500.00
IPA Agreement for Joseph B. Houston, Jr. (ID: 1037858)	SPAWAR	10/29/2002	6/7/2005	\$123,368.00
Invention, Innovation, and Commercialization Curriculum (ID: 1038829)	The Lemelson Foundation	8/1/2003	7/31/2004	\$4,930.00
Orange County Venture Lab (ID: 1039342)	Orange County	3/11/2003	7/1/2004	\$100,000.00
Incubator Development Consultant Project (ID: 1039635)	Ana G. Mendez University	11/1/2003	12/31/2004	\$23,450.00
Special Projects Research Project for Joint Stars Test Force (ID: 1039993)	Jardon and Howard Technologies, Inc.	12/22/2003	3/21/2004	\$42,916.00
ASRC Spaceport Research and Technology Institute (SRTI) (ID: 1040362)	ASRC Aerospace Corporation	9/30/2003	8/31/2008	\$400,000.00
IPA Assignment - Kenneth Verderame (ID: 1040662)	US Air Force-Joint Stars Test Force	3/22/2004	11/27/2006	\$433,223.00
RF-I2V--Invention to Venture Workshop (ID: 1041119)	National Collegiate Inventors and Innovators Allia	9/5/2003	2/1/2004	\$10,125.00
USTDC: Cristina Berger (ID: 1041653)	ASRC Aerospace Corporation	5/19/2004	3/26/2007	\$229,227.39
USTDC: Mary Whitten (ID: 1041654)	ASRC Aerospace Corporation	8/27/2004	3/26/2007	\$295,187.08
RF-Invention to Venture Workshop 2004-UCF (ID: 1041684)	National Collegiate Inventors and Innovators Allia	9/9/2004	1/31/2005	\$2,910.00
IPA for Dr. Ron Despard (ID: 1042092)	Naval Air Warfare Center Aircraft Division	10/1/2004	9/30/2006	\$183,029.00
RF - Economic and Workforce Development in West Florida (ID: 1042138)	Various	10/1/2004	6/30/2005	\$90,000.00
USTDC: Kathleen Brooks (ID: 1042249)	ASRC Aerospace Corporation	1/1/2005	9/30/2005	\$0.00
USTDC: James Captain (ID: 1042283)	ASRC Aerospace Corporation	1/31/2005	3/26/2007	\$0.00
USTDC: James Captain (ID: 1042283)	ASRC Aerospace Corporation	1/31/2005	3/26/2007	\$173,376.71
Support the Disney/SBA National Entrepreneur Center (ID: 1042394)	Darden Restaurants	5/31/2005	6/30/2006	\$25,000.00
USTDC: FSU - Thermal Conductivity of Powder Insulations (ID: 1042447)	ASRC Aerospace Corporation	2/1/2005	5/30/2007	\$156,500.00
USTDC: Colorado School of Mines RESOLVE Evacuation and Bulk Regolith Characterization NORCAT/EVC Project (ID: 1042640)	ASRC Aerospace Corporation	4/1/2005	4/30/2006	\$461,090.00
USTDC: University of Florida - Evaluating Catalysts for O2/Ch4 Production (ID: 1042784)	ASRC Aerospace Corporation	5/1/2005	12/1/2005	\$45,000.00

City of Orlando Downtown Incubator (ID: 1042877)	City of Orlando	7/1/2004	6/30/2005	\$100,000.00
IPA Assignment - Kenneth N. Atkinson (ID: 1042918)	Summit Technologies, Inc.	7/1/2005	9/30/2005	\$55,121.00
USTDC: Portland State University Process Analysis Tradeoff Tool (PATT) (ID: 1043062)	ASRC Aerospace Corporation	8/22/2005	9/2/2005	\$0.00
Telescope and Opto-Mechanical Support (ID: 1043105)	SPAWAR	8/1/2005	9/30/2005	\$13,948.00
IPA Assignment for Kenneth Atkinson (ID: 1043200)	DOD/Defense Modeling and Simulation Office	10/1/2005	10/31/2007	\$604,141.00
USTDC: University of Florida Human Machine Interface Automation and Intelligent System for the Launch Equipment Test Facility Hydraulic Control Unit (ID: 1043320)	ASRC Aerospace Corporation	10/1/2005	8/1/2006	\$0.00
USTDC: University of Florida Human Machine Interface Automation and Intelligent System for the Launch Equipment Test Facility Hydraulic Control Unit (ID: 1043320)	ASRC Aerospace Corporation	10/1/2005	8/1/2006	\$25,200.00
USTDC: FIT Beach Corrosion Facility Weather System Modification/Line 15, 22, 24, 33, 35 (ID: 1043603)	ASRC Aerospace Corporation	9/1/2005	9/30/2009	\$132,900.00
City of Orlando/UCF Downtown Incubator (ID: 1043626)	City of Orlando	9/9/2005	10/31/2008	\$0.00
City of Orlando/UCF Downtown Incubator (ID: 1043626)	City of Orlando	9/9/2005	10/31/2008	\$400,000.00
RF - Invention to Venture (I2V) 2005 - UCF (ID: 1043699)	National Collegiate Inventors and Innovators Allia	8/1/2005	3/31/2006	\$1,000.00
Advanced EO Technology Development, 2006 (ID: 1043873)	SPAWAR	1/26/2006	9/30/2006	\$69,053.00
USTDC: Clarkson University- Lifespan of 3M Glass Bubbles as the Insulation Material for the Cryogenic Hydrogen Fuel Tank (ID: 1043879)	ASRC Aerospace Corporation	1/5/2006	9/30/2006	\$0.00
USTDC: Clarkson University- Lifespan of 3M Glass Bubbles as the Insulation Material for the Cryogenic Hydrogen Fuel Tank (ID: 1043879)	ASRC Aerospace Corporation	1/5/2006	9/30/2006	\$31,500.00
RF - University of Central Florida Pathways to Commercialization Course (ID: 1044377)	National Collegiate Inventors and Innovators Allia	9/14/2006	7/1/2009	\$6,349.00
RF - University of Central Florida Pathways to Commercialization Course (ID: 1044377)	National Collegiate Inventors and Innovators Allia	9/14/2006	7/1/2009	\$22,651.00
District 2 Enterprise Center (ID: 1044549)	City of Orlando	5/4/2006	8/31/2008	\$600,000.00
Seminole County/UCF Technology Accelerator Collaboration (Winter Springs) (ID: 1044567)	Seminole County	9/26/2006	9/30/2010	\$980,000.00
RF: Student Intern Support (ID: 1044717)	Various	8/14/2006	4/15/2012	\$31,111.88
RF: Student Intern Support (ID: 1044717)	Various	8/14/2006	4/15/2012	\$1,539.00
USTDC: Cornell University - Wheel Interaction Tests (ID: 1045193)	ASRC Aerospace Corporation	10/31/2006	10/31/2007	\$34,000.00

USTDC: Colorado School of Mines Evaluation of Lunar Soil/Line 27, Line 30 and Line 37 (ID: 1045381)	ASRC Aerospace Corporation	11/7/2006	12/31/2008	\$186,800.00
2006 Orange County Economic Development Grant (ID: 1045407)	Orange County	8/16/2006	12/31/2007	\$30,000.00
USTDC: MIT NASA Project Plan Green Schedule/Lines 23, 32, 51,55 (ID: 1045464)	ASRC Aerospace Corporation	9/22/2006	12/31/2009	\$620,981.00
USTDC: University of Florida Automation of a 600 Ton Load Tester for Space Vehicle Operations/Line 21 (ID: 1045466)	ASRC Aerospace Corporation	8/16/2006	8/15/2007	\$25,200.00
USTDC: Synthesis Assembly of Aligned Carbon Nanotube Array/Line 29 & Line 39 (ID: 1045473)	ASRC Aerospace Corporation	1/17/2007	12/15/2008	\$65,433.00
IPA Assignment - Mr. Jesse Citizen (ID: 1045795)	Summit Technologies, Inc.	3/23/2007	6/22/2007	\$64,588.00
IPA Assignment - Mr. Jesse Citizen (ID: 1045797)	DOD/Defense Modeling and Simulation Office	6/23/2007	2/19/2008	\$270,994.00
RF - City of Orlando and NEC Agreement (ID: 1045811)	City of Orlando	1/15/2007	9/30/2007	\$50,000.00
USTDC: James Captain (ID: 1046036)	ASRC Aerospace Corporation	3/26/2007	3/4/2009	\$173,034.00
USTDC: Mary Whitten (ID: 1046039)	ASRC Aerospace Corporation	3/26/2007	2/28/2011	\$470,548.91
USTDC: Cristina Berger (ID: 1046041)	ASRC Aerospace Corporation	3/26/2007	9/30/2007	\$55,079.00
RF: 2007 Orange County Economic Development Grant (ID: 1046144)	Orange County	5/10/2007	12/31/2007	\$45,000.00
USTDC: Polymer Micro-Encapsulation of Materials: Line 31-FIT (ID: 1046356)	ASRC Aerospace Corporation	5/23/2007	12/31/2009	\$12,600.00
Bridge contract for Charles White IPA Assignment (ID: 1046555)	Summit Technologies, Inc.	9/7/2007	9/10/2007	\$77,990.00
Economic Development Grant Agreement-Seminole County Business Incubator Program (ID: 1046978)	City of Winter Springs	11/27/2007	11/26/2010	\$200,000.00
USTDC: University of Florida-Automation of Holddown Post Test Fixture/Line 40 (ID: 1047325)	ASRC Aerospace Corporation	1/29/2008	9/30/2008	\$25,200.00
RF - Company Assessments (ID: 1047328)	Winter Park Angels	1/15/2008	4/15/2013	\$12,751.68
RF - Company Assessments (ID: 1047328)	Winter Park Angels	1/15/2008	4/15/2013	\$29,248.32
RF - City of Orlando and Disney Entrepreneur Center Agreement (ID: 1047378)	City of Orlando	10/1/2007	9/30/2008	\$100,000.00
State University Research Commercialization Assistance Grant Program: Microfluidic Chips (ID: 1047840)	Florida Technology, Research and Scholarship Board	6/1/2008	4/30/2010	\$30,000.00
State University Research Commercialization Assistance Grant Program: Industrial Scale Production of Low Cost Enzymes for Cellulosic Ethanol (ID: 1047842)	Florida Technology, Research and Scholarship Board	6/1/2008	4/30/2010	\$40,500.00

State University Research Commercialization Assistance Grant Program: SimVroom (ID: 1047844)	Florida Technology, Research and Scholarship Board	5/7/2008	4/30/2010	\$25,000.00
State University Research Commercialization Assistance Grant Program: LP Photonics (ID: 1047845)	Florida Technology, Research and Scholarship Board	5/7/2008	9/30/2010	\$184,294.00
USTDC: UF-Shuttle Lightning Instrumentation Triggered-Lightning Experiments/Line 43 (ID: 1047960)	ASRC Aerospace Corporation	7/10/2008	7/10/2009	\$46,500.00
Banco Popular - Proposal for Financial Sponsorship (ID: 1048012)	Banco Popular Foundation	10/1/2008	9/30/2009	\$15,000.00
RF - City of Orlando and Disney Entrepreneur Center Agreement (ID: 1048015)	City of Orlando	10/1/2008	9/30/2009	\$100,000.00
RF: District 2 Enterprise Center (UCF Business Incubator - Orlando) (ID: 1048161)	City of Orlando	9/1/2008	8/31/2012	\$801,979.00
RF: District 2 Enterprise Center (UCF Business Incubator - Orlando) (ID: 1048161)	City of Orlando	9/1/2008	8/31/2012	\$487,953.00
Cleantech Symposium Series (ID: 1048413)**Extension Pending**	Orange County	9/12/2008	9/30/2012	\$46,000.00
RF: Disney Entrepreneur Center Build Out (ID: 1048414)	Orange County	9/12/2008	9/11/2009	\$28,000.00
RF: Winning Competitive Bids Program (ID: 1048657)	Citi Foundation	9/18/2008	12/31/2008	\$6,000.00
USTDC: FSU-Mechanical, Thermal and Hydrosopic Properties of Solid Foam Insulation (SOFI)/Line 47 (ID: 1048659)	ASRC Aerospace Corporation	10/1/2008	5/31/2010	\$50,000.00
City of Orlando/UCF Downtown Incubator (ID: 1048789)	City of Orlando	11/1/2008	9/30/2009	\$100,000.00
RF: DEC Business Training and Consulting Services (ID: 1048798)	Orange County	4/1/2008	3/31/2011	\$25,799.00
USTDC: FIT Development of a CFD Tank Pugging Model/Line 50 (ID: 1048799)	ASRC Aerospace Corporation	12/17/2008	9/30/2009	\$15,422.00
USTDC: Ohio State-Fabrication and Testing of a Molten Material Withdrawl System (ID: 1048809)	ASRC Aerospace Corporation	12/16/2008	4/2/2010	\$151,904.00
RF: Lake County Incubator (ID: 1049015)	Lake County	1/12/2009	1/11/2010	\$85,000.00
DEC Orange County M/WBE Support Program (ID: 1049240)	Orange County	9/1/2008	8/30/2009	\$19,320.00
RF: DEC - Support of the Buy Local Launch (ID: 1049245)	City of Orlando	4/1/2009	4/1/2010	\$49,350.00
Florida Economic Gardening Technical Assistance Pilot Program (ID: 1050063)	State of Florida, Office of the Governor	11/4/2009	10/31/2010	\$1,428,000.00
RF: DEC City of Orlando and Disney Entrepreneur Center Agreement 2009 - 2010 (ID: 1050492)	City of Orlando	10/1/2009	9/30/2010	\$88,000.00
Florida Energy Systems Consortium - Technology Commercialization (ID: 1050626)	University of Florida	1/1/2010	4/30/2010	\$29,980.00
RF: DEC and Orange County M/WBE 2010 (ID: 1050758)	Orange County	3/1/2010	2/28/2011	\$15,000.00
RF: Lake County Incubator 2010 (ID: 1050784)	Lake County	1/12/2010	1/11/2011	\$85,000.00

RF: DEC City of Orlando and Disney Entrepreneur Center Agreement 2010 - 2011 (ID: 1051059)	City of Orlando	10/1/2010	9/30/2011	\$74,800.00
DEC: 2010 State Contract (OTTED) (ID: 1051372)	State of Florida	7/1/2010	6/30/2011	\$500,000.00
Workforce Central Florida Entrepreneur Training Workshop (ID: 1051581)	Workforce Central Florida	2/16/2011	6/30/2011	\$44,000.00
Florida Economic Gardening Technical Assistance Program (GrowFL - Year 2) (ID: 1051779)	State of Florida, Office of the Governor	11/1/2010	8/31/2011	\$2,000,000.00
SURCAG: Bioanalytical Platform for Cancer Diagnosis (ID: 1051814)	Florida Technology, Research and Scholarship Board	11/10/2010	11/9/2011	\$37,500.00
SURCAG: Transceiver Module for Next-Generation FTTH (ID: 1051815)	Florida Technology, Research and Scholarship Board	11/10/2010	11/9/2011	\$30,000.00
SURCAG: p-STAT3 Inhibitor Anticancer Drugs (ID: 1051816)	Florida Technology, Research and Scholarship Board	11/10/2010	11/30/2011	\$100,000.00
Entrepreneurship Training Initiative (ID: 1052427)	Economic Development Council of Collier County	1/1/2011	9/30/2011	\$144,000.00
RF: Lake County/Leesburg Incubator (2011) (ID: 1052968)	Lake County	1/12/2011	1/12/2012	\$85,000.00
RF: City of Orlando and National Entrepreneur Center Agreement 2011 - 2012 (ID: 1053273)	City of Orlando	10/1/2011	9/30/2012	\$100,000.00
RF: UCF Business Incubator - Leesburg/Lake County (2012) (ID: 1053592)	Lake County	1/13/2012	1/12/2013	\$85,000.00
GrowFL Technical Assistance - Tampa Bay Partnership (ID: 1054004)	Tampa Bay Partnership	3/1/2012	8/31/2012	\$7,000.00
RF: GrowFL Technical Assistance - EDC of Florida's Space Coast (ID: 1054015)	Economic Development Council of Florida's Space Coast	2/3/2012	2/2/2013	\$17,500.00
GrowFL Technical Assistance - Ocala/Marion County EDC (ID: 1054038)	Ocala/Marion County Economic Development Corporation	3/1/2012	8/31/2012	\$7,000.00
GrowFL Technical Assistance - EDC of Sarasota County (ID: 1054041)	Economic Development Corporation of Sarasota County	3/1/2012	8/31/2012	\$10,500.00
GrowFL Technical Assistance - ELF Task Order #2 (Upriver GIS) (ID: 1054049)	Edward Lowe Foundation	4/1/2012	12/31/2012	\$23,750.00
GrowFL Technical Assistance - Tallahassee/Leon County EDC (ID: 1054127)	Economic Development Council of Tallahassee/Leon County	5/1/2012	12/31/2012	\$21,000.00
GrowFL Technical Assistance - Indian River County Chamber of Commerce (ID: 1054400)	Indian River County Chamber of Commerce	7/1/2012	11/30/2012	\$3,500.00
Orange County Venture Lab (ID: 1043395) (PI)	Orange County Government	9/13/2005	9/30/2013	\$ 800,000
RF: Central Florida Future Fund Project (ID: 1051428) (PI)	Living Cities	7/1/2010	12/31/2013	\$ 6,750
RF: Kissimmee Incubator (ID: 1051147) (PI)	City of Kissimmee	4/27/2010	4/27/2013	\$ 1,050,000
Support for the Business Incubator - Central Florida Research Park (ID: 36608) (PI)	Orange County	2/15/2002	9/30/2013	\$ 1,100,000

UCF Business Incubator (Winter Springs - Seminole County) (ID: 1051903) (PI)	Seminole County	10/1/2010	9/30/2013	\$ 720,000
Winter Springs Incubator (City of Winter Springs) (ID: 1052264) (PI)	City of Winter Springs	10/1/2010	9/30/2013	\$ 225,000
GrowFL Technical Assistance - ELF Task Order #1 (ID: 1053495)	Edward Lowe Foundation	12/5/2011	5/15/2013	\$ 249,375
Orange County Economic Development Grant - UCF Technology Incubator (ID: 1053041)	Orange County	11/21/2011	11/20/2013	\$ 160,000
Orange County Economic Development Grant - Central Florida Social Venture Partners (ID: 1053046) (PI)	Orange County	11/21/2011	11/20/2013	\$ 10,000
Orange County Economic Development Grant - National Entrepreneur Center (ID: 1053045) (PI)	Orange County	11/21/2011	11/20/2013	\$ 66,000
Orange County Economic Development Grant - UCF Venture Lab (ID: 1053044) (PI)	Orange County	11/21/2011	11/20/2013	\$ 75,000
Orange County Venture Lab (ID: 1043395) (PI)	Orange County Government	9/13/2005	9/30/2013	\$ 800,000
RF - GrowFlorida Sponsorships (ID: 1053467) (PI)	Various	12/2/2011	4/15/2014	\$ 50,000
RF: GrowFL Technical Assistance - Volusia County (ID: 1054051) (PI)	Volusia County Government	3/1/2012	8/31/2013	\$ 50,000
Florida Economic Gardening Technical Assistance Program (GrowFL - Year 3) (ID: 1054464)	State of Florida, Office of the Governor	7/1/2012	6/30/2013	\$ 2,000,000
RF: Sanford Community Redevelopment Agency Incubator Agreement (ID: 1049719)	City of Sanford	7/9/2009	9/30/2013	\$ 96,750
RF: UCF Business Incubator Orlando (ID: 1054608)	City of Orlando	9/1/2012	8/31/2013	\$ 300,000
Igniting Innovation (i2) Cleantech Acceleration Network (ID: 1052625) (PI)	US Department of Commerce - EDA	9/29/2011	3/31/2014	\$ 1,299,746
RF: Joint Project to Promote U.S. Exports (ID: 1045835) (PI)	US Department of Commerce	3/13/2007	9/30/2014	\$66,746
RF: City of Orlando and National Entrepreneur Center Agreement 2012 - 2013 (ID: 1054525)	City of Orlando	10/1/2012	9/30/2013	\$ 100,000
UCF Business Incubation Program - Research Park (2013) (ID: 1055386)	Orange County	10/1/2012	9/30/2014	\$ 125,000
UCF Venture Lab (ID: 1055220)	Orange County	10/1/2012	9/30/2014	\$ 125,000
Central Florida – STEM Training Consortium (CF-STEM) internship Funding-Presagis (ID:1056217)	Presagis	7/29/2013	4/1/2016	\$15,000
UCF Business Incubator International Soft Landing Program (2014) (ID: 1056366)	Orange County Board of Commissioners	10/1/2013	9/30/2014	\$10,000
UCF Venture Lab - 2014 (ID: 1056242)	Orange County Board of Commissioners	10/1/2013	9/30/2014	\$125,000
RF: UCF Business Incubator District Two/Downtown Orlando	City of Orlando	9/1/2013	8/31/2014	\$244,593

2013/14 Funding (ID: 1056213)				
RF: NEC: JPMorgan Chase (Economic Development through Small Business Development) (ID: 1056099)	JPMorgan Chase Foundation	10/24/2013	10/23/2014	\$100,000
RF: NEC: Wells Fargo Local Neighborhood Lift Program Application (ID: 1055672)	Wells Fargo Foundation	6/1/2013	6/30/2014	\$75,000
Economic Gardening for Emerging 2 nd Stage Engagements – Charlotte County (ID:1055605)	Charlotte County Economic Development Office	4/1/2013	6/30/2014	\$2,400
GrowFL Second Stage Incubation Program (2014)(ID:1056364)	Orange County Board of Commissioners	10/1/2013	9/30/2014	\$25,000
Master's Degree in University Research Administration (ID: 1050020) (CO-PI)	National Council of University Research Administrators	2/1/2009	11/30/2014	\$40,000
NEC: Central Florida International Trade Office (CFITO)-Pilot Project(ID:1056333)	Orange County	10/1/2013	12/31/2014	\$65,000
RF-Economic Gardening Strategic Research Engagements-USF (ID:1055875)	USF	6/11/2013	12/31/2014	\$22,274
Central Florida – STEM Training Consortium (CF-STEM) internship Funding (ID: 1057341)	Stirling Dynaics	5/9/2014	2/4/2014	\$7,500