
BIOGRAPHICAL SKETCH

NAME Anthony A. Provas, Ph.D.	POSITION TITLE
INSTITUTION University of Connecticut, CESE	Project Scientist

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
University of Connecticut, Storrs, CT	Ph.D.	5/2002	Chemistry
University of Connecticut, Storrs, CT	M.S.	5/1998	Chemistry
Aristotle University, Thessaloniki, Greece	B.S.	5/1992	Chemistry

PERSONAL STATEMENT

Dr. Provas obtained his BS in Chemistry (1992) from Aristotle University of Thessaloniki, Greece, MS (1998) and Ph.D. (2002) in Chemistry from the University of Connecticut. He has been with CESE as a Project Scientist since 2009. He is involved in various research projects including Biofuels Research and Environmental Organic Analysis. Prior to joining the University of Connecticut and CESE he worked at Pfizer Inc. in Groton, CT. for eight years. While at Pfizer he was actively involved in Discovery Research, High Speed Synthesis, Purification, Analysis, and High Throughput Screening. He has extensive experience in laboratory automation and various analytical instruments.

PROFESSIONAL EXPERIENCE AND HONORS

Positions

- 2009-pres. Project Scientist, University of Connecticut, Center for Environmental Sciences & Engineering, Storrs, CT.
- 2007-2009 Separation Scientist, High Throughput Screening - Center of Emphasis, Pfizer Inc., Groton, CT.
- 2007 Separation Scientist, Sample Purification and Assessment Team, Pfizer Inc., Groton, CT.
- 2001-2007 Combinatorial Chemist/Separation Scientist, Automated Synthesis Analysis and Registration Team, Pfizer Inc., Groton, CT.
- 2001 Medicinal Chemist, Discovery Inflammation, Pfizer Inc., Groton, CT.
- 1996-2001 NMR Spectroscopist/Research Assistant/Teaching Assistant, University of Connecticut, Department of Chemistry, Storrs CT.
- 1988-1992 Research Assistant, American Agricultural College, Thessaloniki, Greece.

Other Experience and Professional Training

- 2008 Attended Waters Training Course: "Acquity UPLC System Maintenance" at Milford, MA.
- 2007 Attended Waters Seminar: "Ultra Performance LC - Exploring the Principles and Practical Applications in Laboratories Today" at Milford, MA.
- 2006 Attended Waters Training course: Operation & Maintenance of the ZQ LC/MS w/MassLynx Software at Milford, MA.
- 2006 Computational Chemistry Course Series: PGVL Hub Training at Pfizer, Groton, CT.
- 2006 Nominated and Attended Pfizer's Drug Design Workshop at Greenwich, RI.
- 2006 Attended Waters Preparative Liquid Chromatography Course at Milford, MA.

- 2006 Attended CELEBRATING DIVERSITY "Walking in their shoes" ILT Course.
- 2003 Attended Waters LCT Training at Beverly, MA.
- 2002 Attended TECAN Training at Research Triangle Park, NC.

Honors

- 2007 Pfizer Individual Performance Award (nominated by Dr. G. Schulte)
- 2007 Pfizer Individual Performance Award (nominated by Dr. S. Goldstein)
- 2004 Pfizer Discovery Recognition "Above and Beyond" Award, August 2004
- 1998 The 1998 Award for Excellence in Teaching Organic Chemistry at the University of Connecticut, Dept. of Chemistry, Storrs, CT

PUBLICATIONS

- **Provatas A. A.**, Kolakowski S. L., Bodhipaksha L. C., Bell A. S., Stuart J. D., and Perkins C. R. 2016. Rapid analysis of glyphosate and its degradation products in surface water using UPLC-MS in selected ion recording mode. *International Labmate, Chromatography Feature Article, April 2016*.
- **Provatas A. A.**, Yeudakimau A. V., Guerrero E., Gatley E., Stuart J. D., Perkins C. R., and Wake A. 2016. Development of a simple and rapid sample preparation method for the detection and quantitative analysis of algal toxins in surface water. *International Envirotech, March/April 2016*.
- **Provatas A. A.**, Epling G. A., and Stuart J. D. 2016. Synthesis and Photocleavage of Quinoline Methyl Ethers: A Mild and Efficient Method for the Selective Protection and Deprotection of the Alcohol Functionality. *Aust. J. Chem., (69) 763-769*.
- Lee S. G., Kim K., Vance T. V., Perkins R. C., **Provatas A. A.**, Wu S., Qureshi A., Cho E., and Chun K. O. 2016. Development of a comprehensive analytical method for furanocoumarins in grapefruit and their metabolites in plasma and urine using UPLC-MS/MS: a preliminary study. *International Journal of Food Sciences and Nutrition, (67), 8, 881-887*.
- **Provatas A. A.**, Yeudakimau A. V., King C. A., Gatley E. L., Stuart J. D., Evers D. C., and Perkins C. R. 2015. Rapid QuEChERS Extraction with Novel Phospholipid Cleanup: A Streamlined UHPLC-UV Approach for Screening PAHs in Avian Blood Cells and Plasma. *Journal of Separation Science, (38) 2677-2683*.
- **Provatas A. A.**, Stuart J. D., and Perkins C. R. 2015. Analysis of selected algal toxins in surface water samples by direct evaporation and UPLC-MS/MS analysis. *Genevac Application Note*.
- Glinka C. O., Frasca Jr S., **Provatas A.A.**, Lama T., DeGuise S., Bosker T. 2015. The effects of model androgen 5 α -dihydrotestosterone on mummichog (*Fundulus heteroclitus*) reproduction under different salinities. *Aquatic Toxicology, (165) 266-276*.
- Camire C., **Provatas A.A.**, and Stuart J. D. 2015. Assessing the kinetics (consumption) of various antioxidants in unstable biodiesel made from both canola (rapeseed) and soybean oils. *Current Topics in Analytical Chemistry, (10) 1-13*.
- **Provatas A.A.**, Yeudakimau A. V., Gatley E. L., Guerrero E. R., Stuart J. D., and Perkins C. R. 2014. Rapid screening and quantitative determination of selected algal toxins in surface water samples by direct evaporation and UPLC-MS/MS analysis. *Trends in Chromatography, (9) 29-37*.

- **Provatas A. A.**, Epling G. A., Stuart J. D., and Yeudakimau A. V. 2015. Regioselective dye-induced photocleavage of epoxides as an alternative mild synthetic route to a targeted alcohol functionality. *Aust. J. Chem.*, 68:3, 500-504.
- **Provatas A. A.**, Epling G. A., Stuart J.D., and Yeudakimau A.V. 2014. Selective photoreduction of acetonitrile to acetaldehyde in dilute aqueous solutions. *Toxicological and Environmental Chemistry*, 96:3, 353-361.
- Pratt L., Pinnock T., Amoa K., Akther K., Domond J., Gordon R., Loriston K., Strothers J., Toney A., Rizvi H., Gunasekaran M., Noshadi I., Parnas R., **Provatas A.** 2014. Beneficial Use of Brown Grease-A green Source of Petroleum- Derived Hydrocarbons. *Journal of the NEWEA*, 48: 44-53
- Noshadi I., Kanjilal B., Du S., Bollas G. M., Suib S., **Provatas A.**, Liu F., Parnas R.S. 2014. Catalyzed production of biodiesel and bio-chemicals from brown grease using Ionic Liquid functionalized ordered mesoporous polymer. *Applied Energy*, (129) 112-122
- **Provatas A. A.**, Yeudakimau A.V., Stuart J.D., and Perkins C. R. 2014. Rapid QuEChERS Extraction Followed by a Novel Phospholipid SPE Sample Purification for the Analysis of Selected Insecticides in Lobster and Shellfish Tissues using Gas Chromatography Tandem Mass Spectrometry. *Analytical Letters*, 47:14, 2461-2474.
- Yeudakimau A.V., Perkins C. R., Guerrero G. M., Stuart J.D., **Provatas A. A.** 2014. QuEChERS Sample Preparation Followed by Ultra-Performance Liquid Chromatography - Tandem Mass Spectrometry for Rapid Screening of Dioctyl Sulfosuccinate Sodium Salt in Avian Egg Tissue. *Intern. J. Environ. Anal. Chem.*, 94:12, 1183-1198.
- **Provatas A. A.**, Yeudakimau A.V., Perkins C. R., Stuart J. D. 2013. Rapid Sample Preparation for Determination of PAHs in Wild-Caught Avian Eggs Utilizing QuEChERS Extraction and Ostro 96-Well Plate Cleanup Followed by UPLC-UV Analysis. *Waters Application Note*.
- Yeudakimau A.V., **Provatas A. A.**, Perkins C. R., Stuart J. D. 2013. Solid Phase Extraction and QuEChERS Sample Preparation Methods for Rapid Screening of Polycyclic Aromatic Hydrocarbons in Avian Blood and Egg Tissue by UPLC-UV. *Analytical Letters*, 46:6, 999-1011.
- Jin L., Zhang Y., Dombrowski J. P., Chen C.H., **Provatas A. A.**, Xu L., Perkins C. R., Suib S. L. 2011. "ZnO/La₂O₂CO₃ layered composite: A new heterogeneous catalyst for the efficient ultra-fast microwave biofuel production". *Applied Catalysis, B: Environmental*, Volume 103, Issue 1-2, Pages 200-205.
- Epling G. A. and **Provatas A. A.** "Approaches to a Photocleavable Protecting Group for Alcohols." *Chem. Commun.*, 2002, 10, 1036-1037

PRESENTATIONS

- Kolakowski S. L., **Provatas A. A.**, Stuart J. D., and Perkins C. R. 2016. Rapid Extraction of Polycyclic Aromatic Hydrocarbons from Avian Red Blood Cells and Plasma and Subsequent Analysis by UPLC-UV. *Eastern Analytical Symposium, Somerset, N.J.*
- Omari E. O., **Provatas A. A.**, Stuart J. D., and Perkins C. R. 2016. The Future of Environmental Analysis Utilizing Exposomics to Assess the Effects of Environmental Stressors on the Biota and Human Health. *Eastern Analytical Symposium, Somerset, N.J.*

- Jiang S., **Provatás A. A.**, Stuart J. D., and Perkins C. R. 2016. Quick Extraction and Quantification of Polychlorinated Biphenyls and Organochlorine Pesticides in Dry Bloodspots on Protein Saver Cards Using GC-MS-MS. *Eastern Analytical Symposium, Somerset, N.J.*
- **Provatás A. A.**, Buch N. N., Kolakowski S. L., Stuart J. D., and Perkins C. R. 2015. Simultaneous Direct Analysis of Glyphosate and Aminomethylphosphonic Acid in Surface Water Using UPLC-MS in Selected Ion Recording Mode. *Eastern Analytical Symposium, Somerset, N.J.*
- **Provatás A. A.**, King C. A., Yevdokimov A. V., Stuart J. D., and Perkins C. R. 2015. Extraction and Quantification of Polycyclic Aromatic Hydrocarbons in Dried Bloodspots on FTA Cards by UPLC-UV. *Eastern Analytical Symposium, Somerset, N.J.*
- Camire C., Stuart J. D., and **Provatás A. A.** 2014. An investigation of biodiesel stability: A study for the behavior of antioxidants in soybean and canola derived biodiesel. *Eastern Analytical Symposium, Somerset, N.J.*
- **Provatás A. A.**, Gatley E. L., Omari E. O., Yeudakimau A.V., Stuart J. D., and Perkins C. R. 2014. Accelerated solvent extraction and in-cell sample clean-up of marine sediment for the analysis of persistent organic pollutants by GC-MS/MS. *Eastern Analytical Symposium, Somerset, N.J.*
- **Provatás A.A.**, Gatley E. L., Omari E. O., Yeudakimau A.V., Stuart J.D., and Perkins C.R. 2014. "Accelerated solvent extraction and in-cell sample clean-up of marine sediment for the analysis of persistent organic pollutants by GC-MS/MS", *The 12th Csaba Horvath Medal Award Symposium, Connecticut Separation Sciences Council, Orange, CT.*
- **Provatás A.A.**, Yeudakimau A.V., Guerrero G. R., Perkins C. R., Stuart J. D. 2013. UPLC-UV Analysis of PAHs in Avian Egg Samples Collected after the Crude Oil Spill in the Gulf of Mexico with Rapid QuEChERS Extraction and Novel 96-Well Phospholipid Cleanup. *Eastern Analytical Symposium, Somerset, N.J.*
- **Provatás A.A.**, Guerrero E. R., Ali, S. U., Yeudakimau A. V., Stuart J. D., Perkins C. R. 2013. High Throughput Analysis of Microcystins in Water Utilizing Simple Sample Preparation followed by UPLC Tandem Mass Spectrometry. *Eastern Analytical Symposium, Somerset, N.J.*
- Yeudakimau A. V., **Provatás A. A.**, Gallos B. M., Perkins C. R., Stuart J. D. 2013. Rapid Quantification of DOSS Oil Dispersant in White Pelican Bill Knobs Inhabiting the Shores of the Gulf of Mexico using QuEChERS Extraction and UPLC-MS/MS Analysis. *Oral Presentation, Eastern Analytical Symposium, Somerset, N.J.*
- Stuart J. D., Impellizeri J. S., Morrin R. D., **Provatás A. A.**, Perkins C. R. 2013. A Regional Academic Biodiesel Testing Laboratory Following ASTM Methods. *Eastern Analytical Symposium, Somerset, N.J.*
- Pratt L. M., Murgan L. C., Smith R. D., Toney A. L., Pinnock T., Parnas R., **Provatás A. A.** 2013. Urban Sources of Waste for Conversion to Fuels. *15th Asian Chemical Congress, Singapore*
- Stevens, D. M., Stuart, J. D., and **Provatás A. A.** 2012. Accurate Mass GC/MS for the Identification of Unknowns in Biodiesel. *Eastern Analytical Symposium, Somerset, N.J.*,
- Yeudakimau, A.V., **Provatás, A. A.**, Perkins, C. R., , Stuart, J.D. 2012. Rapid Quantification of Dioctyl Sulfosuccinate Sodium Salt (DOSS) in Birds Egg Tissue Utilizing QuEChERS Extraction Method and UHPLC-MS/MS Multiple Reaction Monitoring (MRM). *Eastern Analytical Symposium, Somerset, N.J.*

- **Provatas, A.A.**, Yeudakimau, A.V., Perkins, C.R., Seiss, J, E Stuart, J.D. 2012. Liquid-Liquid Extraction and SPE Clean-Up Followed by UPLC –UV Analysis of Polycyclic Aromatic Hydrocarbons from Blood Samples Taken from Birds Impacted by the Deepwater Horizon Oil Spill. *Eastern Analytical Symposium, Somerset, N.J.*
- Stevens, D. M., Stuart, J. D., and **Provatas A. A.** 2012. Structural Elucidation of Unknowns in Biodiesel Using Accurate Mass GC/MS and LC/MS. *CoSMoS Annual Conference 2012, Providence, R.I.*
- Rosnack, K., Journier J. M., Stevens, D. M., Stuart, J. D., and **Provatas A. A.** 2012. High Resolution GC/MS for the Identification of Unknown Compounds in Biodiesel. *ISCC 2012, Riva del Garda, Italy*
- Stevens D. M., Stuart J. D., **Provatas A. A.**, Hsu C. S., Lu J. 2012. Combining GC/MS and LC/MS QTOF for Characterization of Unknowns in Biodiesel. *60th ASMS Conference on Mass Spectrometry and Allied Topics, Vancouver, BC, Canada.*
- Stevens, D. M., Hsu, C. S., Lu, J., Stuart, J. D., and **Provatas A. A.** 2012. Approaches in the Comprehensive characterization of High and Low Abundance Components of Biofuels. *The National Meeting of the American Chemical Society, San Diego, Ca., March 2012.*
- **Provatas, A. A.**, and Stuart, J. D. 2011. ASTM Quality Testing of Biodiesel as a Renewable Fuel from Macadamia Nut Oil Feedstock. *Eastern Analytical Symposium, Somerset, N.J.*
- Perkins, C. R., **Provatas, A. A.**, Seegar W., Yates M., Evers D., and Jenny P. 2011. Analysis of PAHs 9500 from MC-252 in whole blood and RBCs from live-captured birds using ultra performance liquid chromatography (UPLC): Method development and assessment. *SETAC North America 32nd Annual Meeting in Boston, MA.*
- Perkins, C. R., Stapcinskaite S., Stuart J. D., **Provatas A. A.** 2010. “Quality Control of Biodiesel Fuel Utilizing *Inductively* Coupled Plasma Optical Emission Spectrometry and Energy Dispersive X-ray Fluorescence Spectrometry”. *Eastern Analytical Symposium and Exposition, Somerset, NJ.*
- Perkins C. R., Stuart J. D., Parnas R. S., **Provatas A. A.** 2010. “Analysis of Biodiesel and its Blends with Petroleum Diesel as an Alternative “Green” Fuel According to ASTM Methods”. *Eastern Analytical Symposium and Exposition, Somerset, NJ.*
- Parnas R. S., Stuart J. D., Perkins C.R., **Provatas A. A.** 2010. “Quality Testing of Biodiesel and its Blends with Petroleum Diesel as an Alternative “Green” Fuel According to ASTM Methodologies”. *National Meeting of the American Chemical Society, Boston, MA.*
- Parnas R.S., Stuart J. D., Perkins C. R., Midgette A. A., Unker S. A., Han L., Clark S. L., **Provatas A. A.** 2010. “Biodiesel: The Development and Production of a Renewable “Green” Fuel at the University of Connecticut”. *Randolf T. Major Memorial Lecture Series at the University of Connecticut.*
- Perkins C. R., Stapcinskaite S., Kinsella K. Q., Stuart J. D., **Provatas A. A.** 2010. “Analysis of Trace Elements in Biodiesel Utilizing *Inductively* Coupled Plasma Optical Emission Spectrometry and Energy Dispersive X-ray Fluorescence Spectrometry”. *Randolf T. Major Memorial Lecture Series at the University of Connecticut.*
- Perkins C. R., Stuart J. D., Parnas R.S., **Provatas A. A.**, Kinsella K. Q., Stapcinskaite S., Ulatowski G., Monos T. M. 2010. “Quality Testing of Biodiesel and its Blends with Petroleum Diesel as an Alternative “Green” Fuel According to ASTM Methodologies”. *Randolf T. Major Memorial Lecture Series at the University of Connecticut.*
- Stuart J. D.; **Provatas A. A.**; Clark S.; and Lu H. 2009. “Is Biodiesel a Reasonable Alternate Energy Fuel for Connecticut?”. *36th Northeast Regional Meeting of the American Chemical Society, Hartford, CT.*

- Colizza K., Domdroski J., **Provatas A. A.**, Vallurupalli V., Conboy J., Kamel A., Kelly M. 2008 EMS POSTER SESSION: "Ultra Performance Liquid Chromatography (UPLC) High Throughput Sample Analysis, Data Process, Archival and Retrieval for Quality Control (QC) and Quantitative Quality Control (QQC) of Combinatorial Libraries and Assay Ready Plates (ARP)" *Pfizer Inc.*
- Colizza K., Domdroski J., Varshney N., Zuzel T., Vallurupalli V., **Provatas A. A.**, Kelly M., Conboy J., and Kamel A. 2008. "High Throughput Sample Analysis for Identification and Quantitative Assessment of Library Screening using Ultra-High Performance Liquid Chromatography/Ultra Violet/Evaporative Light Scattering Detector coupled to Time of Flight Mass Spectrometry(UHPLC/UV/ELSD/TOFMS)". *The 1st International Conference on Drug Design and Discovery, Dubai, UAE.*
- Poster Presentation. Corr R. J., Falcone N. S., **Provatas A. A.**, Hester M. R., and Capetta S. H. 2006. EMS Poster Session: "ASAR, What We Can Do For You", *Pfizer Inc.*
- Poster Presentation. Corr R. J., Falcone N. S., **Provatas A. A.**, Hester M. R., and Oscarson J. 2006. CNS Hit-To-Lead Chemistry, *Pfizer Inc.*
- Poster Presentation. Corr R. J., Falcone N. S., **Provatas A. A.**, Hester M. R., and Oscarson J. 2004. Exploratory Medicinal Sciences Poster Session: "Library Synthesis and Purification for PYK2 CLD using the HSS Platform" *Pfizer Inc.*
- Poster Presentation. **Provatas A. A.** 2001. *2001 Chemistry Forum, Pfizer Inc.*
- Stuart J. D., **Provatas A. A.**, and Palaniswamy U. 2002. "Solid Phase Extraction Followed by Reversed-Phase HPLC and LC/MS/MS OF Sulforaphane in Broccoli". *Pittsburgh Conference, Pittcon 2002.*
- Neddermann S. K., Stuart J. D., **Provatas A. A.**, Smith A. T., and Palaniswamy U. 2001. "Identification of Sulforaphane from Broccoli Sprouts by Reversed-Phase HPLC and HPLC/MS/MS analysis". *The Connecticut Valley Section of the American Chemical Society Undergraduate Research Symposium.*
- Stuart J. D., Neddermann S. K., **Provatas A. A.**, and Palaniswamy U. 2001. "Isolation of Sulforaphane from Broccoli Sprouts by Reversed-Phase Extraction, HPLC and LC/MS/MS". *30th ACS Northeast Regional Meeting.*
- Stuart J. D., Neddermann S. K., Smith A. T., **Provatas A. A.**, and Palaniswamy U. 2001. "Isolation of Sulforaphane in Broccoli Sprouts, by Reversed-Phase Solid Phase Extraction (SPE), followed by Reversed-Phase HPLC and HPLC/MS Analysis". *The American Society for Horticultural Science 98th Annual International Conference and Exhibition.*
- Epling G. A., and **Provatas A. A.** 2000. "Approaches to a Photocleavable Protecting Group for Alcohols". *29th ACS Northeast Regional Meeting.*
- **Provatas A. A.** 2000. "Degradation of Acetonitrile Wastes in Dilute Solutions: An Interesting Solar Method of Detoxification". *Seminar at the Dept. of Chemistry, University of Connecticut.*
- Epling G. A., and **Provatas A. A.** 1998. "Approaches to a Practical Photocleavable Protecting Group for the Alcohol Functionality". *Randolf T. Major Memorial Lecture Series at the University of Connecticut.*

REVIEWS FOR INTERNATIONAL JOURNALS

- Analytical Chemistry
- Analytical Letters
- Current Analytical Chemistry

RESEARCH GRANTS AND CONTRACTS

- Principal Investigators: M. Willig, C. Perkins, **A. Provas**
 Agency Name: State of Minnesota
 Project Title: An Assessment of PAHs and Corexit Contamination in the Fatty Tissues and Blood of Birds Nesting in Minnesota
 Total Amount: \$112,150 Supplement to Continuing Project (2015)
- Principal Investigators: C. Perkins, **A. Provas**, M. Willig
 Agency Name: State of Minnesota
 Project Title: An Assessment of PAHs and Corexit Contamination of Birds Nesting in Minnesota
 Total Amount: \$67,000 (2015)
- Principal Investigators: M. Willig, C. Perkins, **A. Provas**
 Agency Name: State of Minnesota
 Project Title: An Assessment of PAHs and Corexit Contamination in the Fatty Tissues and Blood of Birds Nesting in Minnesota
 Total Amount: \$46,150 Supplement to Continuing Project (2014)
- Principal Investigators: M. Willig, C. Perkins, **A. Provas**
 Agency Name: CT DEEP
 Project Title: Investigating the Presence of Pesticides in American Lobster from Long Island Sound
 Total Amount: \$130,000 (2014-2015)
- Principal Investigators: C. Perkins, **A. Provas**, M. Willig
 Agency Name: CT DEEP
 Project Title: Development and Validation of a Statewide Cyanobacterial Toxin Monitoring Program
 Awarded Amount: \$50,000 (2013)
- Principal Investigators: C. Perkins, **A. Provas**
 Agency Name: Delos Living, LLC
 Project Title: Verification and Validation of the Vitamin-C Infuser Product
 Awarded Amount: \$8,481 (2013)
- Principal Investigators: C. Perkins, **A. Provas**, J. Stuart
 Agency Name: U.S. Coast Guard
 Project Title: U.S. Coast Guard Biodiesel Pilot Program Validation Study
 Awarded Amount: \$6,276 (2012)
- Principal Investigators: C. Perkins, S. De Guise, M. Levin, **A. Provas**
 Agency Name: USGS
 Project Title: Sea Turtle Immunology and Analytical Chemistry
 Awarded Amount: \$170,000 (2012)
- Principal Investigators: M. Willig, C. Perkins, **A. Provas**
 Agency Name: State of Minnesota
 Project Title: An Assessment of PAHs and Corexit Contamination in the Fatty Tissues and Blood of Birds Nesting in Minnesota
 Awarded Amount: \$66,000 (2012)
- Principal Investigators: C. Perkins, **A. Provas**
 Agency Name: USGS

- Project Title: Analysis of PAHs and Corexit in Tissues of the Common Loon (*Gavia immer*)
 Awarded Amount: \$6,000 (2012)
- Principle Investigators: Willig M., Perkins C., **Provatas, A.**
 Agency Name: State of Minnesota
 Project Title: An Assessment of PAHs and Corexit Contamination in the Fatty Tissues and Blood of Birds Nesting in Minnesota
 Awarded Amount: \$66,000 (2011)
 - Principle Investigators: Willig M., Perkins C., **Provatas, A.**
 Agency Name: USGS
 Project Title: Analysis of the Common Loon for Corexit and PAHs
 Awarded Amount: \$6,000 (2011)
 - Principle Investigators: Willig M., Perkins C., **Provatas, A.**
 Agency Name: Agrifuels, LLC
 Project Title: ASTM Biofuels Testing Laboratory
 Awarded Amount: \$30,000 (2011)
 - Principle Investigators: Willig M., Perkins C., **Provatas, A.**
 Agency Name: Purification Technologies, Inc.
 Project Title: Acetonitrile Testing and Characterization
 Awarded Amount: \$12,500 (2010)
 - Principle Investigators: R. S. Parnas, J. D. Stuart, C. R. Perkins, **A. A. Provatas.**
 Agency Name: University of Connecticut Faculty Large Grant Program
 Project Title: Preparation for DOE Biofuels Grant Through Enhanced Biofuels Testing Capability
 Awarded Amount: \$16,957 (2010)