Chrysafis Andreou

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University of Cyprus

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Professional Appointments

Assistant Professor, University of Cyprus, Electrical and Computer Engineering	2022–
Lecturer (tenure track), University of Cyprus, Electrical and Computer Engineering	2018–2022
Research Scholar, Memorial Sloan Kettering Cancer Center	2014–2018
Postdoctoral Researcher, UCSB, Institute for Collaborative Biotechnologies	2013–2014

Education

Ph.D. in Biochemistry and Molecular Biology, Biomolecular Science and Engineering program University of California, Santa Barbara	2008–2013
M.Sc. in Electrical Engineering, University of Cyprus	2006–2008
B.Sc. in Mathematics, Pennsylvania State University	2002–2006
B.Sc. in Physics with emphasis in Electronics, Pennsylvania State University Graduated with Honors and selected as the 'Standard Bearer' of class	2002–2006

Research experience

Principal Investigator, University of Cyprus, Nanotechnology Imaging and Detection Lab	2018–
Research Scholar, Memorial Sloan Kettering Cancer Center, Radiology	2014–2018
Postdoctoral Researcher, UCSB, Institute for Collaborative Biotechnologies	2013–2014
Graduate Student Researcher, UCSB, Biomolecular Science and Engineering	2008–2013
Graduate Student Researcher, University of Cyprus, Electrical and Computer Engineering	2006–2008
Undergraduate Researcher, Pennsylvania State University, Low Temperature Physics	2003–2006

Funding

Current Projects

SepsISensoR: Sepsis Diagnosis via Integrated Breath Sensing System with Change-Point Detection for Real-Time Point-of-Care

European Commission	**Marie Skłodowska-Curie Actions**	PI	€148,000	2022–2024

CanSENS: Colon Cancer Breath Screening using Nanowire-SERS

European Commission	**Marie Skłodowska-Curie Actions**	PI	€146,000	2021–2023

GutCY: Gut-on-Chip System for a Clinical Cancer Aggressiveness Assay

University of Cyprus	**Internal Grant**	PI	€51,000	2021–2022

Completed Projects

SERS-4-SARS: SERS Nanoprobe Assay for Multiplexed Recent and Past SARS-CoV-2 Infection

Cyprus Research and Innovation Foundation (RIF)	**Concept-Covid**	PI	€25,000	2020–2021

NANOCAN: Development of a Novel Nanoparticle for the Targeting of Aggressive Breast Cancer

Cyprus RIF	**International Collaborations**	PI	€80,000	2018–2020

Startup Grant: to setup the Nanotechnology Imaging and Detection Laboratory

University of Cyprus	**Internal Grant**	PI	€50,000	2019–2020

Development of an Imaging Technology for in vivo Multiplexed Detection of Key Markers in Immunotherapy

Parker Institute for Cancer Immunotherapy @ MSK	**Pilot Grant**	Key Personnel	$75,000	2017–2019

Publications

[30] M. Constantinou✉, K. Hadjigeorgiou, S. Abalde-Cela, **C. Andreou**✉, Label-Free Sensing with Metal Nanostructure-Based Surface-Enhanced Raman Spectroscopy for Cancer Diagnosis, **ACS Applied Nano Materials**, 2022. Get article

[29] S. Pal, J.K. Koneru, **C. Andreou**, T. Rakshit, V. Rajasekhar, M. Wlodarczyk, J. Healey, M.F. Kircher, J. Mondal, DNA-functionalized Gold Nanorods for Perioperative Optical Imaging and Photothermal Therapy of Triple-negative Breast Cancer, **ACS Applied Nano Materials**, 2022 Get article

[28] **C. Andreou**, R. Weissleder, M. F. Kircher, Multiplexed Imaging in Oncology, **Nature Biomedical Engineering**, 2022. Get article

[27] K. Katsaounou, E. Nikolaou, P. Vogazianos, C. Brown, M. Stavrou, S. Teloni, P. Hatzis, A. Agapiou, E. Fragkou, G. Tsiaousis, G. Potamitis, A. Zaravinos, **C. Andreou**, A. Antoniades, C. Shammas, Y. Apidianakis, Colon Cancer: from Epidemiology to Prevention. **Metabolites**, 2022. Get article

[26] L. K. Rotter, N. Berisha, H.-T. Hsu, K. H. Burns, **C. Andreou**✉, M. F. Kircher, Visualizing surface marker expression and intratumoral heterogeneity with SERRS-NPs imaging, **Nanotheranostics**, 2022. Get article

[25] Kenry, F. Nicolson✉, L. Clark, S.R. Panikkanvalappil, B. Andreiuk, **C. Andreou**✉, Advances in Surface Enhanced Raman Spectroscopy for in Vivo Imaging in Oncology, **Nanotheranostics**, 2022. Get article

[24] K. Hadjigeorgiou, E. Kastanos, C. Pitris, **C. Andreou**✉, Surface Enhanced Raman Spectroscopy as a sensitive method for UTI diagnosis, **IEEE Sensors**, 2021. Get article

[23] J. Yang, C. Zhao, J. Lim, L. Zhao, R. Le Tourneau, Q. Zhang, D. Dobson, S. Joshi, J. Pang, X. Zhang, S. Pal, **C. Andreou**, H. Zhang, M. F. Kircher, H. Schmitthenner, Structurally symmetric near-infrared fluorophore IRDye78-protein complex enables multimodal cancer imaging, **Theranostics**, 2021. Get article

[22] Y. Gregoriou✉, G. Gregoriou, V. Yilmaz, K. Kapnisis, M. Prokopi, A. Anayiotos, K. Strati, N. Dietis, A. I. Constantinou, **C. Andreou**✉, Resveratrol loaded polymeric micelles for theranostic targeting of breast cancer cells, **Nanotheranostics**, 2021. Get article

[21] E. Papaefstathiou, M. Stylianou, **C. Andreou**, A. Agapiou, Breath analysis of smokers, non-smokers, and e-cigarette users, **Journal of Chromatography B**, 2020. Get article

[20] J. Yang, T. Wang, L. Zhao, VK. Rajasekhar, S. Joshi, **C. Andreou**, S. Pal, H-T. Hsu, H. Zhang , I.J. Cohen, R. Huang, R.C. Hendrickson, M.M. Miele, W. Pei, M.B. Brendel, J.H. Healey, G. Chiosis, M.F. Kircher, Gold/alpha-lactalbumin nanoprobes for the imaging and treatment of breast cancer, **Nature Biomedical Engineering**, 2020. Get article

[19] W. Rizvi, N. Berisha, C. Farley, NVS D. K. Bhupathiraju, **C. Andreou**, E. Khwaja, G. V. Fuentes, M. F. Kircher, R. Gao, C. M. Drain, Distorted Phthalocyanines by Click Chemistry: Photoacoustic, Photothermal, and Surface-Enhanced Resonance Raman Studies, **Chemistry - A European Journal**, 2019. Get article

[18] S. Zanganeh, P. Georgala, C. Corbo, L. Arabi, J.Q. Ho, N. Javdani, M.R. Sepand, K. Cruickshank, L.F. Campesato, C-H. Weng, S. Hemayat, **C. Andreou**, R. Alvim, G. Hutter, M. Rafat, M. Mahmoudi, Immunoengineering in glioblastoma imaging and therapy, **WIREs Nanomedicine and Nanobiotechnology**, 2019. Get article

[17] S. Roberts, A. Strome, C. Choi, **C. Andreou**, S. Kossatz, C. Brand, T. Williams, M. Bradbury, M. F. Kircher, Y. K. Reshetnyak, J. Grimm, Acid specific dark quencher QC1 pHLIP for multi-spectral optoacoustic diagnoses of breast cancer, **Scientific Reports**, 2019. Get article

[16] S. Pal, A. Ray, **C. Andreou**, Y. Zhou, T. Rakshit, M. Wlodarczyk, M. Maeda, R. Toledo-Crow, N. Berisha, J. Yang, H.T. Hsu, A. Oseledchyk, J. Mondal, S. Zou, M. F. Kircher, DNA-enabled rational design of fluorescence-Raman bimodal nanoprobes for cancer imaging and therapy, **Nature Communications**, 2019. Get article

[15] **C. Andreou**, A. Oseledchyk, F. Nicolson, N. Berisha, S. Pal, M. F. Kircher, Surface-enhanced Resonance Raman Scattering Nanoprobe Ratiometry for Detecting Microscopic Ovarian Cancer via Folate Receptor Targeting, **JoVE (Journal of Visualized Experiments)**, 2019. Get article

[14] F. Nicolson, B. Andreiuk, **C. Andreou**, H-T. Hsu, S. Rudder, M. F. Kircher, Non-invasive in vivo imaging of cancer using surface-enhanced spatially offset Raman spectroscopy (SESORS), **Nanotheranostics**, 2019. Get article

[13] S. Roberts*, **C. Andreou***, C. Choi, P. Donabedian, M. Jayaraman, E. C. Pratt, J. Tang, C. Pérez-Medina, M. J. de la Cruz, W. J. M. Mulder, J. Grimm, M. F. Kircher, T. Reiner, Sonophore-enhanced nanoemulsions for optoacoustic imaging of cancer, **Chemical Science**, 2018. ***equal first co-author** Get article

[12] C. Kaittanis, **C. Andreou**, H. Hieronymus, N. Mao, C. A. Foss, M. Eiber, G. Weirich, P. Panchal, A. Gopalan, J. Zurita, S. Achilefu, G. Chiosis, V. Ponomarev, M. Schwaiger, B. S. Carver, M. G. Pomper, and J. Grimm: Prostate-specific membrane antigen cleavage of vitamin B9 stimulates oncogenic signaling through metabotropic glutamate receptors, **Journal of Experimental Medicine**, 2017. Get article

[11] S. Banala, S. Fokong, C. Brand, **C. Andreou**, B. Krautler, M. Rueping, and F. Kiessling: Quinone-Fused Porphyrins as Contrast Agents for Photoacoustic Imaging, **Chemical Science**, 2017. Get article

[10] **C. Andreou**, S. Pal, L. Rotter, J. Yang, and M. F. Kircher: Molecular Imaging in Nanotechnology and Theranostics, **Molecular Imaging and Biology**, 2017. Get article

[9] T. R. Nayak*, **C. Andreou***, A. Oseledchyk, W. D. Marcus, H. C. Wong, J. Massagué, and M. F. Kircher: Tissue Factor-Specific Ultra-bright SERRS Nanostars for Raman Detection of Pulmonary Micrometastases, **Nanoscale**, 2017. ***equal first co-author** Get article

[8] A. Oseledchyk, **C. Andreou**, M. A. Wall, and M. F. Kircher: Folate-targeted SERRS Nanoprobe Ratiometry for Detection of Microscopic Ovarian Cancer, **ACS Nano**, 2016. Get article

[7] M. Spaliviero, S. Harmsen, R. Huang, M. A. Wall, **C. Andreou**, J. A. Eastham, K. A. Touijer, P. T. Scardino, and M. F. Kircher: Detection of Lymph Node Metastases with SERRS Nanoparticles, **Molecular Imaging and Biology**, 2016. Get article

[6] **C. Andreou**, V. Neuschmelting, D.-F. Tschaharganeh, C.-H. Huang, A. Oseledchyk, P. Iacono, H. Karabeber, R. R. Colen, L. Mannelli, S. W. Lowe, and M. F. Kircher: Imaging of Liver Tumors Using Surface-Enhanced Raman Scattering Nanoparticles, **ACS Nano**, 2016. Get article

[5] **C. Andreou**, S. A. Kishore, and M. F. Kircher: Surface-Enhanced Raman Spectroscopy: A New Modality for Cancer Imaging, **Journal of Nuclear Medicine**, 2015. Get article

[4] **C. Andreou**, R. Mirsafavi, M. Moskovits, and C. D. Meinhart: Detection of Low Concentrations of Ampicillin in Milk, **Analyst**, 2015. Get article

[3] B. Piorek, **C. Andreou**, M. Moskovits, and C. D. Meinhart: Discrete Free- Surface Millifluidics for Rapid Capture and Analysis of Airborne Molecules Using Surface Enhanced Raman Spectroscopy, **Analytical Chemistry**, 2014. Get article

[2] M. R. Barmi, **C. Andreou**, M. R. Hoonejani, M. Moskovits, and C. D. Meinhart: Aggregation Kinetics of SERS-Active Nanoparticles in Thermally Stirred Sessile Droplets, **Langmuir**, 2013. Get article

[1] **C. Andreou**, M. R. Hoonejani, M. R. Barmi, M. Moskovits, and C. D. Meinhart, Rapid Detection of Drugs of Abuse in Saliva Using Surface Enhanced Raman Spectroscopy and Microfluidics, **ACS Nano**, 2013. Get article

Book Chapters

C. Andreou✉, Y. Gregoriou, A. Ali, S. Pal, In vivo imaging with SERS nanoprobes, in book: SERS for Point-of-care and Clinical Applications, Elsevier, 2022, p199. Pending distribution

Other

Ph.D. Thesis: Interfacial transport processes in microfluidic systems for precision surface enhanced Raman spectroscopy. Advisor: Carl Meinhart, 2013, UCSB.

M.Sc. Thesis: Design and fabrication of dielectrophoresis-based devices for cell manipulation and separation. Advisor: George Georghiou, 2008, University of Cyprus.

Honors Thesis: Tunnelling and phase-sensitive studies of odd-parity superconductor Sr_2RuO_4.
Advisor: Ying Liu, 2006, Penn State University.

Presentations

Invited Talks

University of Cyprus, Electrical Engineering seminar series, Surface Enhanced Raman Spectroscopy for Chemical Sensing and Biomedical Imaging: Microsystems and Microtumors, 29-Jun-2017.

University of Cyprus, Electrical Engineering seminar series, Multiphase Microfluidics and Surface Enhanced Raman Spectroscopy for Chemical Detection, 19-Jun-2013.

UCSB, Systems Biology seminar series, Multiphase Microfluidics and Surface Enhanced Raman Spectroscopy for Chemical Detection, 07-Jun-2013.

Seminars at University of Cyprus

Joint Departmental Seminar Electrical and Computer Engineering – Department of Physics, Imaging molecules with light: from nanoparticles to personalized medicine, 8-Dec-2021.

School of Engineering Seminar Series, Surface Enhanced Raman scattering nanoparticles for biodetection and medical imaging, 19-May-2021

Joint Departmental Seminar Electrical and Computer Engineering – Department of Biological Sciences, Molecular Imaging of Cancer with Surface Enhanced Raman Scattering Nanoprobes, 7-Nov-2018.

Selected Conference Presentations

A. Souzou, M. Athanasiou, A. Manoli, M.I. Bodnarchud, M.V. Kovalenko, **C. Andreou**, and G. Itskos. "Plasmon-Exciton Interactions in Bilayers of Core-Shell Au-SiO2 Nanoparticles and FAPbI3 Perovskite Nanocrystals", International Conference on Emerging Light Emitting Materials, Limassol, Cyprus, 3-5 October, 2022.

C. Andreou, K. Plakas, N. Berisha, M. Gigoux, S. Pal, T. Merghoub, M. Detty, M. F. Kircher. "Octoplexed imaging with surface-enhanced resonance Raman scattering nanoprobes for immunotherapy response monitoring", European Molecular Imaging Meeting, Thessaloniki, Greece, 15-18 March, 2022.

C. Andreou, K. Plakas, N. Berisha, M. Gigoux, S. Pal, T. Merghoub, M. Detty, M. F. Kircher. "Clustering analysis of biomarker expression from Raman images for immunotherapy response assessment", European Molecular Imaging Meeting, Thessaloniki, Greece, 15-18 March 2022.

L. K. Rotter, N. Berisha, H.-T. Hsu, K. H. Burns, **C. Andreou**, M. F. Kircher. "Imaging surface marker expression and intratumoral heterogeneity with SERRS-NPs", World Molecular Imaging Congress, Miami, Florida, United States, Oct. 5-8, 2021.

C. Barlet, M. Stylianou, **C. Andreou**, and A. Agapiou. "Sniffing VOCs emitted by books", 17th International Conference on Environmental Science and Technology, CEST2021, Athens, Greece, 1-4 September 2021.

K. Hadjigeorgiou, E. Kastanos, **C. Andreou**, and C. Pitris. "Multi-bacteria, Multi-antibiotic, Testing Using Surface Enhanced Raman Spectroscopy (SERS) for Urinary Tract Infection (UTI) Diagnosis", Virtual Raman Imaging Poster Summit 2020. Witec, September 28th - October 2nd, 2020.

C. Andreou, K. Plakas, N. Berisha, M. Gigoux, L. E. Rosch, R. Mirsafavi, A. Oseledchyk, S. Pal, T. Merghoub, M. Detty, and M. F. Kircher: Raman nanoprobes for multiplex imaging of immunotherapy markers in mice, Gordon Research Conference on Cancer Nanotechnology, West Dover VT United States, Jun. 23-28, 2019.

S. Roberts, A. Strome, C. Choi, **C. Andreou**, S. Kossatz, C. Brand, T. Williams, M. Bradbury, M. F. Kircher, Y. K. Reshetnyak, J. Grimm, J. S. Lewis, and T. Reiner: Acid specific dark quencher QC1 pHLIP for multi-spectral optoacoustic diagnoses of breast cancer, European Molecular Imaging Meeting, Glasgow, United Kingdom, Mar. 19-22, 2019.

S. Roberts, **C. Andreou**, C. Choi, P. Donabedian, E.C. Pratt, M. Jayaraman, C.P. Medina, W.J.M. Mulder, J. Grimm, M.F. Kircher, and T. Reiner: Optoacoustic diagnoses of cancer using sonophore-enhanced nanoemulsions, European Molecular Imaging Meeting, Glasgow, United Kingdom, Mar. 19-22, 2019.

S. Roberts, A. Strome, C. Choi, **C. Andreou**, S. Kossatz, M.F. Kircher, J.S. Lewis, and T. Reiner: pH specific quencher enables multi-spectral optoacoustic imaging of breast cancer, World Molecular Imaging Congress, Seattle, Washington, United States, Sept. 12-15, 2018.

S. Roberts, **C. Andreou**, C. Choi, P. Donabedian, M. Jayaraman, E.C. Pratt, J. Tang, C.P. Medina, W.J.M. Mulder, J. Grimm, M.F. Kircher, and T. Reiner: Dark yet bright: Non radiative and high performance optoacoustic nanoemulsions, World Molecular Imaging Congress, Philadelphia, Pennsylvania, United States, Sept. 13-16, 2017.

T.R. Nayak, **C. Andreou**, A. Oseledchyk, W.D. Marcus, H.C. Wong, M.F. Kircher: Imaging Tissue Factor Expression in a Breast Cancer Lung Metastasis Model Using SERRS Nanoparticles, World Molecular Imaging Congress, New York, New York, USA, Sep. 07-10, 2016.

A. Oseledchyk, **C. Andreou**, M. Wall, and M. F. Kircher: Ovarian Cancer Imaging using Folate-targeted SERRS nanoprobes Ratiometry, World Molecular Imaging Congress, New York, New York, USA, Sep. 07-10, 2016.

C. Andreou, V. Neuschmelting, D.-F. Tschaharganeh, C.-H. Huang, A. Oseledchyk, P. Iacono, H. Karabeber, S. W. Lowe, and M. F. Kircher: Imaging of Liver Tumors with Surface-Enhanced Raman Scattering Nanoparticles, World Molecular Imaging Congress, New York, New York, USA, Sep. 07-10, 2016.

C. Andreou, M. Moskovits, C. Meinhart, Picoliter Droplets of Controlled Composition for SERS Studies, 67th Annual Meeting of the APS Division of Fluid Dynamics, San Francisco, California, USA, Nov. 23-25, 2014.

C. Andreou, M. Moskovits, C. Meinhart, Assembly of Ag-Nanoparticle Clusters for Surface Enhanced Raman Spectroscopy in Droplets, The 18th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2014), San Antonio, Texas, USA, October 26-30, 2014.

C. Andreou, M.R. Hoonejani, M.R. Barmi, B. Piorek, M. Moskovits, and C. D. Meinhart, Microfluidic Device for Detection of Chemicals in Aqueous Mixtures using Surface Enhanced Raman Spectroscopy, The 15th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2011), Seattle, Washington, USA, October 2-6, 2011.

C. Andreou, SJ. Lee, B. Piorek, M. Moskovits, C. D. Meinhart, Multiphase microfluidics and Surface Enhanced Raman Spectroscopy, 63rd Annual Meeting of the APS Division of Fluid Dynamics, Long Beach, California, USA, Nov. 21-23, 2010.

C. Andreou, SJ. Lee, B. Piorek, M. Moskovits, C. Meinhart, Mapping concentration dependencies of SERS in a microfluidic device, Gordon Research Conference, Microfluidics (Physics and Chemistry of), Lucca, Italy, June 28- July 3, 2009.

C. Andreou, E. Demosthenous, C. Odiatis, N. Loucaides, P. Georgiades, A. Ramos, G. Georghiou, Dielectrophoretic capture and separation of Trophoblast Stem Cells and their differentiated progeny, 34th Micro- and Nano-Engineering Conference, Athens, Greece, 15-19 September 2008.

Honors and Awards

Best poster award, Gordon Research Conference on Cancer Nanotechnology	2019
Best fifth-year graduate student seminar in Biological Sciences, UCSB	2013
Best third-year graduate student seminar in Biological Sciences, UCSB	2011
Dean's Fellowship, UC Santa Barbara Graduate Division	2008–2009
'Standard Bearer' of Penn State Physics graduating class	2006
Penn State Schreyer Honors College Scholar	2004–2006
Penn State Eberly College of Science Dean's list for 8/8 semesters	2002–2006
Full scholarship from the AMIDEAST Cyprus-America Scholarship Program (CASP)	2002–2006
National Scholarship from Cyprus to attend the United World College of the Adriatic	1998–2000

Teaching and Mentoring

Teaching

Classes at University of Cyprus:

ECE331 - “Electric Fields, Theory and Applications” (∼60 students)	Fall 2018–2021
ECE333 - “Photonics” (15 students)	Spring 2021
ECE476 - “Biomedical Imaging” (15 students)	Spring 2020, 2022
ECE478 - “Digital Image Processing” (∼10 students)	Spring 2019, 2021
ECE626 - “Digital Image Processing” (∼10 students)	Spring 2020, 2022

Classes at UCSB:

Primary instructor: “Blender 3D: rendering graphics for scientific illustrations” (6 students)	Winter 2014
Substitute lecturer: “Physical Chemistry” (30 students, 4 lectures)	Spring 2014
Substitute lecturer: “Thermodynamics for engineers” (100+ students, 6 lectures)	Fall 2013
Teaching assistant: “Thermodynamics for engineers” (100+ students)	Fall 2012

Other:

Guest Speaker: Stanford Continuing Studies SCI 60 W: A Small Revolution: Medical Advances in Nanotechnology, “Preclinical studies in nanomedicine” (on-line)	Spring 2019

Mentoring

Postdoctoral researchers

Marios Constantinou	2021–
Marios Stavrou	2019–
Yiota Gregoriou	2019–
Katerina Hadjigeorgiou	2020–2021

PhD Students - advisor or co-advisor

Aliki Souzou	2020–

MSc Students - advisor or co-advisor

Kyriaki Kekkou	2020–
Ayobami Fidelix	2020–

PhD Students - committee member

Katerina Hadjigeorgiou (C. Pitris)	2020

MSc Students - committee member

Petros Karousios (J. Georgiou)	2021
George Athanasiou (G. E. Georghiou)	2020
George Michael (C. Loizou)	2019
Eleni Hadjigeorgalli (S. Iezekiel)	2021

Undergraduate Senior Design Projects

Christodoulos Nikiforou	2022–
Kyriaki Kaskiri	2022–
Nika Regginou	2021–
Anna Demetriou	2021–
Adamos Papapavlou	2021–
Charalambos Rotsidis	2021–
Fotini Mesaritou	2021–2022
Andreas Kyriakou	2021–2022
Antri Papasavva	2020–2021
Stefani Kanga	2020–2021
Ionela Filip	2020–2021
Panayiotis Meliniotis	2020–2021
George Mishis	2020–2021
Christos Pitsillos	2020–2021
Elina Panteli	2019–2022
Dimitris Karakostas	2019–2021
Kypriana Antoniou	2019–2020
Vasileios Konstanti	2019–2020
Prodromos Prodromou	2019–2020
Evangelia Athanasiou	2018–2020

Summer Students

Agapi Lamprinopoulou – UCY MME graduate	Summer 2022
Demetres Vrakas – UCY MME graduate	Summer 2022
Yovana Dentika – ESIEE Paris, Erasmus+	Summer 2021
Kristia Savva – American Academy	Summer 2020
Sonia Kakoulli – Pancyprian Gymnasium	Summer 2020
Rosemary Pedregon – Texas A&M University	Summer 2019
Loizos Savva – University of Surrey	Summer 2019

Service and Outreach

Public Events

EMPHASIS Research Centre Launch Event	Fall 2020
Researcher's Night	Fall 2019–2021

Supermentor/program organizer:

ESIEE study cohort at UCY (23 students)	Fall 2021
EMPHASIS Summer Research Internships (5 students)	Summer 2019
Jack Kent Cooke Bridges for Engineering and Science Transfers, UCSB (20 students)	Summer 2014
Condor Techs program, UCSB (15 students)	Summer 2014

Research mentor:

University of Cyprus/Texas A&M Exchange Program	Summer 2019
Independent studies of two high-school students, MSKCC	Summer 2016
Independent studies of a high-school student and a medical student, MSKCC	Summer 2015
Independent studies of two postgraduate researchers, UCSB	Summer 2014
Jack Kent Cooke Bridges for Engineering and Science Transfers, UCSB	Summer 2013
Condor Techs program, UCSB	Summer 2013
SABRE program, UCSB	Summer 2012

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