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EDUCATION

Doctor of Philosophy – Awarded with Distinction — Feb 2007
Biology, Department of Biological Sciences
Columbia University, New York, NY

Master of Philosophy — May 2005
Biology, Department of Biological Sciences
Columbia University, New York, NY

Master of Arts — Oct 2003
Biology, Department of Biological Sciences
Columbia University, New York, NY

Bachelor of Arts — May 2001
Major: Biology
Minors: English and Chemistry
Swarthmore College, Swarthmore, PA

PROFESSIONAL APPOINTMENTS

Kamangar Family Chair in Biological Sciences — Jul 2019 – Present
University of California, Merced, Merced, CA

Associate Professor of Microbiology — Jan 2019 – Present
Department of Molecular and Cell Biology
School of Natural Sciences
University of California, Merced, Merced, CA

Founder and Chief Executive Officer — Jun 2013 – Present
BioSynesis, Inc., San Francisco, CA

Assistant Professor of Microbiology — Jan 2014 – Dec 2018
Department of Molecular and Cell Biology
School of Natural Sciences
University of California, Merced, Merced, CA

Assistant Adjunct Professor of Microbiology and Immunology — Jan 2014 – Dec 2016
Department of Microbiology and Immunology
School of Medicine
University of California, San Francisco, San Francisco, CA

Postdoctoral Research in Regulatory Networks and Systems Biology Mar 2008 – Dec 2013
Mentor: Alexander Johnson
Department of Microbiology and Immunology
University of California, San Francisco, San Francisco, CA

Graduate Research in Microbial Genetics Sep 2001 – Feb 2007
Mentor: Aaron Mitchell
Department of Microbiology
Columbia University, New York, NY

Undergraduate Research in Microbiology May 1999 – Jun 2001
Mentor: Amy Vollmer
Department of Biology, Swarthmore College, Swarthmore, PA

HONORS AND AWARDS

Kamangar Family Endowed Chair in Biological Sciences	2019
UC Academic Senate Award for Contributions to Diversity	2019
Merced Sun-Star's 20 Under 40 Class of 2017 Award	2017
UC Academic Senate Award for Distinguished Early Career Research	2016
Pew Biomedical Scholar Award	2015
International Society for Human and Animal Mycology ISHAM Young Investigator Award in Basic Mycology	2012
California Institute for Quantitative Biosciences QB3 Award	2012
UCSF Dean's Postdoctoral Prize	2012
Winner of UCSF's Idea to IPO 2012 Award	2012
Genetics Society of America DeLill Nasser Career Development Award	2012
UCSF Program for Breakthrough Biomedical Research Postdoctoral Award	2012
Federation of European Biochemical Societies Human Fungal Pathogens Best Talk by a Young Investigator Award	2011
Federation of European Biochemical Societies Youth Fund Award	2011
American Society for Microbiology Career Development Award for Postdoctoral Women	2010
Columbia University Ph.D. Awarded with Distinction	2007
Richard C. Parker Distinguished Graduate Student Award	2006
Sigma Xi Undergraduate Research Award	2001

Howard Hughes Medical Institute Undergraduate Research Award 2000

American Society for Microbiology Undergraduate Research Award 1999

PUBLICATIONS

Sircaik, S., Roman, E., Bapat, P., Andes, D.A., **Nobile, C.J.**, Pla, J., and Panwar, S.L. (2020) The protein kinase Ire1 impacts pathogenicity of *Candida albicans* by regulating homeostatic adaptation to endoplasmic reticulum stress. *PLoS Genetics*: In press.

Du, H., Bing, J., Hu, T., Ennis, C.L., **Nobile, C.J.**, and Huang, G. (2020) *Candida auris*: epidemiology, biology, antifungal resistance, and virulence. *PLoS Pathogens*: In press.

Fan, S., Yue, H., Zheng, Q., Bing, J., Tian, S., Chen, J., Ennis, C.L., **Nobile, C.J.**, Huang, G., and Du, H. (2020) Filamentation in *Candida auris* clinical isolates. *Emerging Infectious Diseases*: In press.

Du, H., Ennis, C.L., Hernday, A.D., **Nobile, C.J.**, and Huang, G. (2020) N-acetylglucosamine (GlcNAc) sensing, utilization, and functions in *Candida albicans*. *Journal of Fungi* 6: 129.

Valle Arevalo, A., and **Nobile, C.J.** (2020) Interactions of microorganisms with host mucins: a focus on *Candida albicans*. *FEMS Microbiology Reviews* 44: fuaa027.

Heredia, M.Y., Ikeh, M.A.C., Gunasekaran, D., Conrad, K.A., Filimonava, S., Marotta, D.H., **Nobile, C.J.**, and Rauceo, J.M. (2020) An expanded cell wall damage signaling network is comprised of the transcription factors Rlm1 and Sko1 in *Candida albicans*. *PLoS Genetics* 16: e1008908.

Lohse, M.B., Gulati, M., Craik, C.S., Johnson, A.D., and **Nobile, C.J.** (2020) Combination of antifungal drugs and protease inhibitors prevent *Candida albicans* biofilm formation and disrupt mature biofilms. *Frontiers in Microbiology* 11: 1027.

Gong, J., Bing, J., **Nobile, C.J.**, and Huang, G. (2020) The Als3 cell wall adhesin plays a critical role in human Serum amyloid A1 (SAA1)-induced cell death and aggregation in *Candida albicans*. *Antimicrobial Agents and Chemotherapy* 64: e00024-20.

Nobile, C.J., Ennis, C.L., Hartooni, N., Johnson, A.D., and Lohse, M.B. (2020) A selective serotonin reuptake inhibitor, a proton pump inhibitor, and two calcium channel blockers inhibit *Candida albicans* biofilms. *Microorganisms* 8: 756.

Liang, W., Guan, G., Li, C., **Nobile, C.J.**, Tao, L., and Huang, G. (2020) Genetic regulation of the development of mating projections in *Candida albicans*. *Emerging Microbes and Infections* 9: 413-426.

Perry, A.M., Hernday, A.D., and **Nobile, C.J.** (2020) Unraveling how *Candida albicans* forms sexual biofilms. *Journal of Fungi* 6: 14.

Gong, J., Wu, J., Ikeh, M., Tao, L., Zhang, Y., Bing, J., **Nobile, C.J.**, and Huang, G. (2020) Antifungal activity of mammalian Serum amyloid A1 against *Candida albicans*. *Antimicrobial Agents and Chemotherapy* 64: e01975-19.

Ul-Hasan, S., Rodríguez-Román, E., Reitzel, A.M., Adams, R.M.M., Herzig, V., **Nobile, C.J.**, Saviola, A.J., Trim, S.A., Stiers, E.E., Moschos, S.A., Keiser, C.N., Petras, D., Moran, Y., and Colston, T.J. (2019) The emerging field of venom-microbiomics for exploring venom as a microenvironment, and the corresponding Initiative for Venom Associated Microbes and Parasites (iVAMP). *Toxicon: X* 4: 100016.

Ul-Hasan, S., Bowers, R.M., Figueroa-Montiel, A., Licea-Navarro, A.F., Beman, J.M., Woyke, T., and **Nobile, C.J.** (2019) Community ecology across bacteria, archaea and microbial eukaryotes in the sediment and seawater of coastal Puerto Nuevo, Baja California. *PLoS One* 14: e0212355.

Maciel, E.I., Jiang, C., Barghouth, P.G., **Nobile, C.J.***, and Oviedo, N.J.* (2019) The planarian *Schmidtea mediterranea* is a new model to study host-pathogen interactions during fungal infections. *Developmental and Comparative Immunology* 93: 18-27.
*Co-corresponding authors.

Gulati, M., Lohse, M.B., Ennis, C.L., Gonzalez, R.E., Perry, A.M., Bapat, P., Valle Arevalo, A., Rodriguez, D.L., and **Nobile, C.J.** (2018) *In vitro* culturing and screening of *Candida albicans* biofilms. *Current Protocols in Microbiology* 50: e60.

Van Dijck, P., Sjollema, J., Cammue, B.P.A., Lagrou, K., Berman, J., d'Enfert, C., Andes, D.R., Arendrup, M.C., Brakhage, A.A., Calderone, R., Cantón, E., Coenye, T., Cos, P., Cowen, L.E., Edgerton, M., Espinel-Ingroff, A., Filler, S.G., Ghannoum, M., Gow, N.A.R., Haas, H., Jabra-Rizk, M., Johnson, E.M., Lockhart, S.R., Lopez-Ribot, J.L., Maertens, J., Munro, C.A., Nett, J.E., **Nobile, C.J.**, Pfaller, M.A., Ramage, G., Sanglard, D., Sanguinetti, M., Spriet, I., Verweij, P., Warris, A., Wauters, J., Yeaman, M.R., Zaat, S.A.J., and Thevissen, K. (2018) Methodologies for *in vitro* and *in vivo* evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. *Microbial Cell* 5: 300-326.

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Gulati, M., Ennis, C.L., Rodriguez, D.L., and **Nobile, C.J.** (2017) Visualization of biofilm formation in *Candida albicans* using an automated microfluidic device. *JoVE* 130: e56743.

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Srivastava, A., Sircaik, S., Husain, F., Thomas, E., Ror, S., Rastogi, S., Alim, D., Bapat, P., Andes, D.R., **Nobile, C.J.**, and Panwar, S.L. (2017) Distinct roles of the 7-transmembrane receptor protein Rta3 in regulating the asymmetric distribution of phosphatidylcholine across the plasma membrane and biofilm formation in *Candida albicans*. *Cellular Microbiology* 19: e12767.

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Jenull, S., Tscherner, M., Gulati, M., **Nobile, C.J.**, Chauhan, N., and Kuchler, K. (2017) The *Candida albicans* HIR histone chaperone regulates yeast-to-hyphae transition by controlling the sensitivity to morphogenesis signals. *Scientific Reports* 7: 8308.

Xu, H., Sobue, T., Bertolini, M., Thompson, A., Vickerman, M., **Nobile, C.J.**, and Dongari-Bagtzoglou, A. (2017) *S. oralis* activates the Efg1 filamentation pathway in *C. albicans* to promote cross-kingdom interactions and mucosal biofilms. *Virulence* 8: 1602-1617.

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Winter, M.B., Salcedo, E.C., Lohse, M.B., Hartooni, N., Gulati, M., Sanchez, H., Takagi, J., Hube, B., Andes, D.R., Johnson, A.D., Craik, C.S., and **Nobile, C.J.** (2016) Global identification of biofilm-specific proteolysis in *Candida albicans*. *mBio* 7: e01514-16.

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Vargas, D., Hageman, S., Gulati, M., **Nobile, C.J.**, and Rawat, M. (2016) *S*-nitrosomycothiol reductase and mycothiol are required for survival under aldehyde stress and biofilm formation in *Mycobacterium smegmatis*. *IUBMB Life* 68: 621-628.

Zhang, Y., Tao, L., Zhang, Q., Guan, G., **Nobile, C.J.**, Zheng, Q., Ding, X., and Huang, G. (2016) The gray phenotype and tristable phenotypic transitions in the human fungal pathogen *Candida tropicalis*. *Fungal Genetics and Biology* 93: 10-16.

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*These authors contributed equally to this work.

Felice, M.R., Gulati, M., Giuffre, L., Giosa, D., Di Bella, L.M., Criseo, G., **Nobile, C.J.**, Romeo, O., and Scordino, F. (2016) Molecular characterization of the N-acetylglucosamine catabolic genes in *Candida africana*, a natural N-acetylglucosamine kinase (*HXK1*) mutant. *PLoS One* 11: e0147902.

Lohse, M.B., Kongsomboonvech, P., Madrigal, M., Hernday, A.D., and **Nobile, C.J.** (2016) Genome-wide chromatin immunoprecipitation in *Candida albicans* and other yeasts. In *Methods in Molecular Biology: Yeast Functional Genomics: Methods and Protocols.* Humana Press 1361: 161-184.

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Du, H., Guan, G., Li, X., Gulati, M., Tao, L., Cao, C., Zhu, L., Johnson, A.D., **Nobile, C.J.**, and Huang, G. (2015) *N*-Acetylglucosamine-induced cell death in *Candida albicans* and its implications for adaptive mechanisms of nutrient sensing in yeasts. *mBio* 6: e01376-15.

Fox, E.P., Bui, C.K., Nett, J.E., Hartooni, N., Mui, M.C., Andes, D.R., **Nobile, C.J.**, and Johnson, A.D. (2015) An expanded regulatory network temporally controls *Candida albicans* biofilm formation. *Molecular Microbiology* 96: 1226-1239.

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Fox, E.P., Singh-Babak, S.D., Hartooni, N., and **Nobile, C.J.** (2015) Biofilms and antifungal resistance. In *Antifungals: From Genomics to Resistance and the Development of Novel Agents*. Caister Academic Press: 71-90.

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- Highlighted in Book review of antifungals: from genomics to resistance and the development of novel agents, *General Physiology and Biophysics*, 2015, 34: 453-454.

Wells, M.L., Washington, O.L., Hicks, S.N., **Nobile, C.J.**, Hartooni, N., Wilson, G.M., Zucconi, B.E., Huang, W., Li, L., Fargo, D.C., and Blackshear, P.J. (2015) Post-transcriptional regulation of transcript abundance by a conserved member of the tristetraprolin family in *Candida albicans*. *Molecular Microbiology* 95: 1036-1053.

Kavanaugh, N.L., Zhang, A.Q., **Nobile, C.J.**, Johnson, A.D., and Ribbeck, K. (2014) Mucins suppress virulence traits of *Candida albicans*. *mBio* 5: e01911-14.

Tao, L., Cao, C., Liang, W., Guan, G., Zhang, Q., **Nobile, C.J.**, and Huang, G. (2014) White cells facilitate opposite- and same-sex mating of opaque cells in *Candida albicans*. *PLoS Genetics* 10: e1004737.

Fox, E.P., Cowley, E.S., **Nobile, C.J.**, Hartooni, N., Newman, D.K., and Johnson, A.D. (2014) Anaerobic bacteria grow within *Candida albicans* biofilms and induce biofilm formation in suspension cultures. *Current Biology* 24: 2411-2416.

- Highlighted in Biofilms: five-star accommodations for the aerobically challenged, *Current Biology*, 2014, 24: R1002-R1004.

Johnson, L., Gaab, E.M., Sanchez, J., Bui, P.Q., **Nobile, C.J.**, Hoyer, K.K., Peterson, M.W., and Ojcius, D.M. (2014) Valley fever: danger lurking in a dust cloud. *Microbes and Infection* 16: 591-600.

- Highlighted in UC Merced researchers team up on Valley fever overview, *The Fresno Bee*, September 1st, 2014.
- Highlighted in UC Merced researchers team up on Valley fever overview, *Merced Sun-Star*, September 1st, 2014.
- Highlighted in Published Valley fever research from UC Merced available online, *The Fresno Bee*, August 31st, 2014.
- Highlighted in Published Valley fever research from UC Merced available online, *Merced Sun-Star*, August 31st, 2014.

Nobile, C.J., Fox, E.P., Hartooni, N., Mitchell, K.F., Hnisz, D., Andes, D.R., Kuchler, K., and Johnson, A.D. (2014) A histone deacetylase complex mediates biofilm dispersal and drug resistance in *Candida albicans*. *mBio* 5: e01201-14.

- Highlighted in UC Merced professor studies how disease spreads, resistance to drugs, *Merced Sun-Star*, July 8th 2014.
- Highlighted in UC Merced professor studies how disease spreads, resistance to drugs, *The Modesto Bee*, July 8th 2014.
- Highlighted in UC Merced professor studies how disease spreads, resistance to drugs, *The Sacramento Bee*, July 8th 2014.
- Highlighted in Professor Discovers Key Elements for Biofilm Spreading, *UC Merced University News*, July 7th 2014.

Tao, L., Du, H., Guan, G., Dai, Y., **Nobile, C.J.**, Liang, W., Cao, C., Zhang, Q., Zhong, J., and Huang, G. (2014) Discovery of a "white-gray-opaque" tristable phenotypic switching system in *Candida albicans*: roles of non-genetic diversity in host adaptation. *PLoS Biology* 12: e1001830.

Hernday, A.D., Lohse, M.B., Fordyce, P.M., **Nobile, C.J.**, DeRisi, J.L., and Johnson, A.D. (2013) Structure of the transcriptional network controlling white-opaque switching in *Candida albicans*. *Molecular Microbiology* 90: 22-35.

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Xu, H., **Nobile, C.J.**, and Dongari-Bagtzoglou, A. (2013) Glucanase induces filamentation of the fungal pathogen *Candida albicans*. *PLoS One* 8: e63736.

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INTELLECTUAL PROPERTY

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Nobile, C.J., Winter, M.B., Craik, C.S., Johnson, A.D., and O'Donoghue, A.J. (2016) Systems and compositions for diagnosing pathogenic fungal infection and methods of using the same. U.S. Patent Application Number: 62/294,960.

Bryan, T.B., and **Nobile, C.J.** (2016) Methods of destroying and preventing bacterial and fungal biofilm by amino acid infusion. PCT Application Number: PCT/US2016/012,395.

Bryan, T.B., and **Nobile, C.J.** (2016) Method of destroying and preventing bacterial and fungal biofilm by amino acid infusion. U.S. Patent Application Number: 15/339,734.

Bryan, T.B., and **Nobile, C.J.** (2015) Method of destroying and preventing bacterial and fungal biofilm by amino acid infusion. U.S. Patent Application Number: 14/590,002.

INVITED CONFERENCE ORAL PRESENTATIONS

Nobile, C.J. A sticky situation: unraveling how *Candida albicans* forms biofilms. *The American Association for Laboratory Animal Science Meeting*. April 9-10, 2020. Sacramento, California.

Nobile, C.J. *Candida* biofilms: importance, development, and a serendipitous discovery. *Pew 2020 Annual Meeting*. March 8-13, 2020. Southampton, Bermuda.

Nobile, C.J. Identifying *Coccidioides* specific proteolysis for diagnostic development. *UC Valley Fever Summit*. October 25, 2019. Merced, California.

Paropkari, A., Seher, T., Ludington, W., Wallace, G., Sindi, S., Hernday, A., and **Nobile, C.J.** Metagenomic analysis of agricultural groundwater wells for risk assessment. *The 5th Recent Advances in Microbial Control-Microbiomes Matter*. November 4-6, 2018. Clearwater Beach, Florida.

Nobile, C.J. *Candida albicans* biofilms: importance, regulation, and a serendipitous discovery**.** Plenary Lecture. *The 8th ASM Conference on Biofilms*. October 7-11, 2018. Washington, District of Columbia.

Nobile, C.J. A sticky situation: unraveling how biofilms are regulated. Keynote Lecture. *2018 HHMI Educator Professional Development Conference*. July 22-27, 2018. Chevy Chase, Maryland.

Nobile, C.J. Discovery of a novel bacterial endosymbiont living within a human fungal pathogen. *ASM Microbe 2018*. June 7-11, 2018. Atlanta, Georgia.

Gulati, M., Madrigal, M.I. and **Nobile, C.J.** A composite non-toxic amino acid solution inhibits and disrupts biofilm formation in *Candida albicans*. *The 14th ASM Conference on Candida and Candidiasis*. April 15-19, 2018. Providence, Rhode Island.

Nobile, C.J. Discovery of a novel bacterial endosymbiont living within the human fungal pathogen *Candida albicans*. Keynote Lecture. *Final Meeting of the Marie Curie Initial Training Network: ImResFun2017 – Molecular Mechanisms of Fungal Pathogen-Host Interaction*. September 3-7, 2017. Innsbruck, Austria.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *The 5th Exploring Human Host-Microbiome Interactions in Health and Disease Wellcome Genome Campus Conference.* September 7-9, 2016. Cambridge, United Kingdom.

Nobile, C.J. Interspecies interactions within *Candida albicans* biofilms. *The 2016 Cellular and Molecular Fungal Biology Gordon Research Conference*. June 19-24, 2016. Plymouth, New Hampshire.

Gulati, M. and **Nobile, C.J.** Global identification of biofilm-specific proteolysis in *Candida albicans*. *The 13th ASM Conference on Candida and Candidiasis*. April 13-17, 2016. Seattle, Washington.

Nobile, C.J. Biofilms: why are they important and how do they form? *Pew 2016 Annual Meeting*. March 28-April 3, 2016. Greensboro, Georgia.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *The 33rd Annual NCASM Spring Meeting – Microbe Wars: The Force Awakens*. March 4-5, 2016. Pleasanton, California.

Nobile, C.J. A sticky situation: unraveling how *Candida albicans* forms biofilms. Plenary Lecture. *The XI International Fungal Biology Conference on Fungal Biology at the Karlsruhe Institute of Technology*. Sept 29-Oct 3, 2013. Karlsruhe, Germany.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. Keynote Lecture. *The Third European Congress on Microbial Biofilms – Basic and Clinical Aspects*. September 9-12, 2013. Ghent, Belgium.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? Opening Ceremony Lecture. *The 18th Congress of the International Society for Human and Animal Mycology.* June 11-15, 2012. Berlin, Germany.

Nobile, C.J. and A.D. Johnson. A recently evolved transcriptional network controls biofilm development in *Candida albicans*. *The 11th ASM Conference on Candida and Candidiasis*. March 29-April 2, 2012. San Francisco, California.

Nobile, C.J. The transcriptional network controlling biofilm development in *Candida albicans*. *The 4th FEBS Advanced Lecture Course on Human Fungal Pathogens: Molecular Mechanisms of Host-Pathogen Interactions and Virulence.* May 7-13, 2011. La Colle sur Loup, France.

Nobile, C.J. and Johnson, A.D. The transcriptional circuitry controlling biofilm development in *Candida albicans*. *The 9th International Mycological Congress – The Biology of Fungi Conference.* August 1-6, 2010. Edinburgh, United Kingdom.

Nobile, C.J. Biofilm matrix regulation in *Candida albicans*. *The 110th General Meeting of the American Society for Microbiology.* May 23-27, 2010. San Diego, California.

Nobile, C.J. Biofilm matrix regulation by *Candida albicans* Zap1. *The 7th Cold Spring Harbor Meeting on Microbial Pathogenesis and Host Response.* September 8-12, 2009. Cold Spring Harbor, New York.

Nobile, C.J. *C. albicans* transcriptional regulator Bcr1 governs biofilm formation through adhesin Als3. *The 16th Congress of the International Society for Human and Animal Mycology.* June 25-29, 2006. Paris, France.

OTHER SIGNIFICANT INVITED ORAL PRESENTATIONS

Nobile, C.J. *Candida albicans* biofilms: importance, development, and a serendipitous discovery. *Microbiology and Molecular Genetics Seminar Series at The University of California, Davis*. Feb 19, 2020. Davis, California.

Nobile, C.J. Molecular mechanisms of *Candida albicans* biofilms. *Burroughs Wellcome Fund 2019 Investigators in the Pathogenesis of Infectious Disease Meeting*. April 16-17, 2019. Durham, North Carolina.

Nobile, C.J. *Candida albicans* biofilms: importance, development, and a serendipitous discovery. *South Texas Center for Emerging Infectious Diseases Seminar Series at The University of Texas at San Antonio*. Feb 1, 2019. San Antonio, Texas.

Nobile, C.J. Biofilms: why are they important, how do they form, and why should you care? Plenary Lecture. *Valley Bio 2018*. October 19, 2018. Merced, California.

Nobile, C.J. *Candida albicans* biofilms: importance, development, and a serendipitous discovery. *Departments of Microbiology, Biochemistry and Molecular Genetics Invited Speaker Seminar Series at Rutgers New Jersey Medical School*. May 1, 2018. Newark, New Jersey.

Nobile, C.J. Molecular mechanisms of *Candida albicans* biofilms. *Burroughs Wellcome Fund 2018 Investigators in the Pathogenesis of Infectious Disease Meeting*. April 18-19, 2018. Durham, North Carolina.

Nobile, C.J. Microbial communities: what are they, how do they form, and why should you care? Keynote Lecture. *University Friends Circle Annual Intercampus Event at University of California, Merced*. March 29, 2017. Merced, California.

Nobile, C.J. Microbial films: why are they important, how do they form, and what does this mean for you? Distinguished Lecture. *Vital and Alice Pellissier Family Distinguished Speaker Series*. February 22, 2017. Merced, California.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how do they form? *Biology Colloquium at California State University-Fresno*. February 12, 2016. Fresno, California.

Nobile, C.J. How communities of microbes conspire to cause disease. *University Friends Circle Luncheon Event*, January 12, 2016. Merced, California.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *Cellular and Molecular Biology Colloquium at San Francisco State University*. December 3, 2015. San Francisco, California.

Nobile, C.J. Understanding biofilms: why are they important and how do they form? *Science Café Merced*. August 25, 2015. Merced, California.

Nobile, C.J. Writing a successful SBIR/STTR application. *Competitive Edge in SBIR/STTR Grant Writing Conference at University of California, Merced.* November 20, 2014. Merced, California.

Nobile, C.J. *Candida albicans* biofilms: why are they medically and dentally important and how are they regulated? *Dental Dean's Seminar Series at University of Connecticut Health Center*. November 13, 2014. Farmington, Connecticut.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *Department of Oral Health and Diagnostic Sciences School of Dental Medicine Seminar Series at University of Connecticut Health Center*. November 13, 2014. Farmington, Connecticut.

Nobile, C.J. A sticky situation: unraveling how *Candida albicans* forms biofilms. *Molecular Cell Biology Seminar Series at University of California, Merced*. September 9, 2014. Merced, California.

Nobile, C.J. A sticky situation: unraveling how *Candida albicans* forms biofilms. *Quantitative and Systems Biology "Beautiful Systems" Retreat*. May 27-28, 2014. Midpines, California.

Nobile, C.J. Getting the most out of a postdoc. *Women in Life Sciences at University of California, San Francisco.* November 7, 2013. San Francisco, California.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *Microbiology and Immunology Special Seminar at Stanford University*. March 20, 2013. Stanford, California.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *General Biology Seminar at the California Institute of Technology*. March 7, 2013. Pasadena, California.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *Microbiology Seminar at University of Chicago*. February 25, 2013. Chicago, Illinois.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *Department of Genetics Seminar at Stanford University*. February 19, 2013. Stanford, California.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *Biology Seminar at University of California, San Diego*. February 13, 2013. La Jolla, California.

Nobile, C.J. Unraveling the transcriptional network controlling biofilm development in *Candida albicans*. *Molecular Cell Biology Seminar at University of California, Merced*. February 8, 2013. Merced, California.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *Biology Seminar at the J. Craig Venter Institute*. February 4, 2013. La Jolla, California.

Nobile, C.J. *Candida albicans* biofilms: why are they important and how are they regulated? *The Dean's Postdoctoral Prize Lecture – University of California, San Francisco, School of Medicine.* May 15, 2012. San Francisco, California.

Nobile, C.J. The transcriptional network controlling biofilm development in *Candida albicans*. *University of California, Berkeley, Yeast Super Group*. February 10, 2012. Berkeley, California.

Nobile, C.J. Genetics and genomics of *Candida albicans* biofilm formation: identification of a new adherence regulatory pathway. *DUMRU Seminar Series at Duke University*. January 12, 2007. Durham, North Carolina.

PROFESSIONAL SOCIETIES

The American Society for Microbiology (ASM)

Genetics Society of America (GSA)

The American Society for Biochemistry and Molecular Biology (ASBMB)

International Society for Human and Animal Mycology (ISHAM)

Federation of European Biochemical Societies (FEBS)

International Mycological Association (IMC)

Microbiology Society

RESEARCH SUPPORT

DoD 74322-RT-REP 09/23/19 – 09/22/20
Army Research DoD: Equipment/Instrumentation Grant

UCOP VFR-19-633952 07/01/19 – 06/30/22
UC: Valley Fever Research Funding Opportunity Award

BWF 1019586 11/15/18 – 11/01/19
BWF: Ad Hoc Grant

R21 AI140020 06/22/18 – 05/31/20
NIH/NIAID: Exploratory/Developmental Research Grant

COR Award COR18 06/01/18 – 06/01/19
UC Merced: Academic Senate Faculty Research Award

R35 GM124594 09/15/17 – 07/31/22
NIH/NIGMS: Outstanding Investigator Award

R21 AI125801 02/21/17 – 01/31/19
NIH/NIAID: Exploratory/Developmental Research Grant

R43 AI131710 02/15/17 – 01/31/19
NIH/NIAID: Small Business Innovation Research Phase I

UCOP MRPI MRP-17-454959 01/01/17 – 12/31/20
UC: Multicampus Research Programs and Initiatives (MRPI) Multi-Year Program Award

COR Award COR16 06/01/16 – 06/01/17
UC Merced: Academic Senate Faculty Research Award

Pew Scholars Program Grant 08/01/15 – 07/31/20
The Pew Charitable Trusts

SA11-885-CA337B 03/01/15 – 07/31/17
UC: California Institute for Water Resources

COR Award COR15 06/01/15 – 06/01/16
UC Merced: Academic Senate Faculty Research Award

R41 AI112038 03/01/15 – 08/31/16
NIH/NIAID: Small Business Technology Transfer Phase I

R00 AI100896 08/1/14 – 10/31/16
NIH/NIAID: Pathway to Independence Award

COR Award COR14 04/23/14 – 06/01/15
UC Merced: Academic Senate Faculty Research Award

K99 AI100896 08/01/12 – 07/31/14
NIH/NIAID: Pathway to Independence Award

BWF A119331 03/15/12 – 12/31/13
BWF/CRTG: Burroughs Wellcome Fund Collaborative Research Travel Grant

QB3 444953-69960 09/01/12 – 09/01/13
QB3: California Institute for Quantitative Biosciences Award

CTSI 29571-551027 06/01/13 – 06/30/13
CTSI/Catalyst: Clinical and Translational Science Institute's Catalyst Award

PBBR 41326 01/01/12 – 01/01/13
UCSF/PBBR: Program for Breakthrough Biomedical Research Award

F32 AI088822 08/01/10 – 07/31/12
NIH/NIAID: Individual Postdoctoral Fellowship Award

T32 AI060537 07/31/09 – 07/30/10
NIH/NIAID: Microbial Pathogenesis Training Grant

T32 DK007786 09/01/03 – 08/31/05
NIH/NIDDK: Pathology Training Grant

ACTIVITIES

Member of Materials and Biomaterials Science and Engineering (MBSE) Graduate Group Jul 2019 – Present
University of California, Merced, Merced, CA

Affiliate Member of the Venture Lab May 2017 – Present
Merced, CA

Member of Sierra Nevada Research Institute (SNRI) Sep 2016 – Present
University of California, Merced, Merced, CA

Consultant for Miralto, Inc. May 2016 – Present
San Diego, CA

Consultant for Blue Earth Labs, LLC May 2016 – Present
Las Vegas, NV

Member of Quantitative and Systems Biology (QSB) Graduate Group Jan 2014 – Present
University of California, Merced, Merced, CA

Member of California Valley Fever Network Jan 2014 – Present
University of California, Merced, Merced, CA

Member of Health Sciences Research Institute (HSRI) Jan 2014 – Present
University of California, Merced, Merced, CA

Affiliate Member of QB3@953 Jan 2013 – Present
San Francisco, CA

Member of Biological Engineering and Small-scale Technologies (BEST) Graduate Group Mar 2014 – Jun 2019
University of California, Merced, Merced, CA

Consultant for Sierra Amino Acids, Inc. Apr 2016 – Sept 2017
Merced, CA

Member of UCSF's Entrepreneurs Club Jun 2012 – Aug 2017
University of California, San Francisco, San Francisco, CA

Member of Women in Life Sciences (*WILS) Organization* Mar 2008 – Aug 2017
University of California, San Francisco, San Francisco, CA

Internship Mentor and Consultant for Bridge to Biotechnology Jan 2011 – Dec 2013
City College of San Francisco, San Francisco, CA

Advisor to UCSF's iGEM Foundation Aug 2011 – Dec 2013
University of California, San Francisco, San Francisco, CA

Mentor for Fundacion Ciencia para la Vida Jan – Apr 2009
Fundacion Ciencia para la Vida, Santiago, Chile

EDITORIAL SERVICE

Editorial Board for: Yeast, Microorganisms, Journal of Fungi, Frontiers in Microbiology

Editor for: PLoS Genetics, mBio

Ad hoc Journal Reviewer for: mBio, PLoS Biology, PLoS Pathogens, PLoS One, PNAS, Cellular Microbiology, Eukaryotic Cell, Applied and Environmental Microbiology, FEMS Yeast Research, Fungal Genetics and Biology, Transcription, Expert Review of Anti-infective Therapy, Environmental Microbiology and Environmental Microbiology Reports, Medical Mycology, ISME Journal, BMC Microbiology, mBio, Scientific Reports

Special Issue Editor for: Yeast — Feb 2020 – Apr 2021
Special issue on “Exploring the yeast life cycles”

Special Issue Editor for: Microorganisms — Jan 2020 – Apr 2021
Special issue on “Fungal Biofilms”

Special Issue Editor for: Journal of Fungi — Oct 2017 – Jun 2019
Special issue on “Cell adhesion in fungal life and pathogenesis”

PROFESSIONAL SERVICE

Member of the Science Advisory Board — Jan 2020 – May 2021
9th FEBS Advanced Lecture Course on Human Fungal Pathogens
Nice, France

Reviewer for the Florida Department of Health Grant Panel — Jul 2019 – Jan 2020
FLDOH Cycle 19-20A
FLDOH Biomedical Peer Review
Tallahassee, FL

Member of the Advisory Board — Apr 2018 – Present
500 Women Scientists
Washington, District of Columbia

Member of the Science Advisory Board — Jan 2018 – May 2019
8th FEBS Advanced Lecture Course on Human Fungal Pathogens
Nice, France

Reviewer for the Pennsylvania Department of Health Grant Panel — Jul 2017 – Dec 2018
PADOH Cycle 17-18A
PADOH Formula Grants Final Performance Review
Harrisburg, PA

Organizer for the 14th ASM Conference on Candida and Candidiasis — Jan 2017 – Apr 2018
Providence, Rhode Island

Reviewer for NIH NIGMS Special Emphasis Peer-Review Grant Panel — Oct 2017 – Jan 2018
ZGM1 RCB-9 (SC) for SCORE
Support of Competitive Research (SCORE) Program
Rockville, MD

Reviewer for NIH NIAID Special Emphasis Peer-Review Grant Panel — Feb 2016 – Jun 2016
ZAI1 LR-M (S1)/RFA-AI15-054 for R21/R33
Discovery/Development of Novel Therapeutics for Eukaryotic Pathogens
Rockville, MD

Reviewer for KU Leuven Grant Panel — Feb 2014 – Feb 2016
Leuven, Belgium

SIGNIFICANT UNIVERSITY SERVICE

Faculty Equity Advisor (FEA) for the School of Natural Sciences Aug 2019 – Aug 2021
University of California, Merced, Merced, CA

Chair of Senate Committee on Diversity and Equity May 2018 – May 2019
University of California, Merced, Merced, CA

Divisional Representative to Systemwide Senate Committee on Sep 2016 – May 2018
University Committee on Affirmative Action, Diversity, and Equity (UCAADE)
University of California, Systemwide, CA

Vice Chair of Senate Committee on Diversity and Equity May 2017 – May 2018
University of California, Merced, Merced, CA

Chair of Quantitative and Systems Biology (QSB) Apr 2014 – May 2018
Recruitment Committee
University of California, Merced, Merced, CA

Quantitative and Systems Biology (QSB) Executive Counsel Jan 2014 – May 2018
University of California, Merced, Merced, CA

Member of Senate Committee on Diversity and Equity May 2015 – May 2017
University of California, Merced, Merced, CA

FORMAL TEACHING

QSB 292, QSB Group Meeting Sep 2015 – Present
University of California, Merced, Merced, CA

QSB 293, QSB Journal Club Sep 2015 – Present
University of California, Merced, Merced, CA

QSB 295, QSB Graduate Research Sep 2015 – Present
University of California, Merced, Merced, CA

BIO 195, Upper Division Undergraduate Research Jan 2014 – Present
University of California, Merced, Merced, CA

BIO 122, Microbial Pathogenesis Jan – May 2018
University of California, Merced, Merced, CA

BIO 122, Microbial Pathogenesis Jan – May 2017
University of California, Merced, Merced, CA

BIO 199, Upper Division Individual Study Aug – Dec 2016
University of California, Merced, Merced, CA

BIO 120, General Microbiology Jan – May 2016
University of California, Merced, Merced, CA

BIO 122, Microbial Pathogenesis Jan – May 2015
University of California, Merced, Merced, CA

PROFESSIONAL DEVELOPMENT

Implicit and Unconscious Bias Training in Faculty Hiring Oct 2016
Attended this workshop to train faculty on best-practices for search committees to recognize and minimize implicit bias during the faculty hiring process
Theater Delta: Interactive Theater for Social Change, Merced, CA

Improvisation for Scientists Mar 2016
Attended this one-day workshop to train scientists to connect more directly and spontaneously with different audiences using improvisational theater exercises
Alan Alda Center for Communicating Science, Greensboro, GA

Distilling Your Message Mar 2016
Attended this one-day workshop to help scientists speak clearly and vividly about their work in terms that non-scientists can understand
Alan Alda Center for Communicating Science, Greensboro, GA

UC Team Science Retreat Oct 2015
Attended this four-day retreat to foster collaborative and interdisciplinary team science-based research
Asilomar Conference Center, Pacific Grove, CA

Surviving the Classroom with 1st Generation College Students Practicum Aug 2014
Attended this four-hour practicum designed to help practice appropriate, timely, and professional forms of communication, and conflict resolution for 1st generation college students
CRTE, University of California, Merced, Merced, CA

QB3 SBIR/STTR Workshop Jan – Apr 2013
Attended this six-session workshop on NIH SBIR/STTR grant applications
California Institute for Quantitative Biosciences, San Francisco, CA

Idea to IPO and Beyond Jan – May 2012
Attended this course designed to train life science academics in entrepreneurship and the development of innovative ideas for translation
University of California, San Francisco, San Francisco, CA

Scientific Leadership and Management Training Nov – Dec 2011
Attended this course designed to train postdoctoral scholars and junior faculty on building leadership and management skills
The J. David Gladstone Institutes, San Francisco, CA

Healthcare Industry in the 21st Century Sept – Dec 2007
Attended this M.B.A. level course designed to provide an overview of the U.S. healthcare industry; the major players involved in the payment, production and delivery of healthcare; and the key challenges and opportunities facing healthcare executives, investors and policymakers.
Columbia University, New York, NY