CURRICULUM VITAE

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Education

- PhD Mathematics: University of Michigan, 1997
- M.S. Mathematics: University of Michigan, 1995
- B.Sc. Mathematics: University of Toronto, 1992

Appointments

- Professor, San Francisco State University, 2009, 2012–
- Professor, The American University in Cairo, 2010–2012
- Visiting Scholar, Kigali Institute of Science and Technology, Rwanda, Summer 2011
- Associate Professor, San Francisco State University, 2004–2009
- Visiting Professor, Cairo University, Spring 2008
- Visiting Scholar, Harvard University, Spring 2004
- Assistant Professor, San Francisco State University, 1999–2004
- Visiting Assistant Professor, Washington University in St. Louis, 1997–1999

Publications

- In memory of Peter Duren (with Johnny Brown, Martin Chaqui, Tim Ferguson, Dima Khavinson, Steven G. Krantz, Brad Osgood, and Rachel Weir), *Notices Amer. Math. Soc.* **68**, (2021), no. 8, 132–1335.
- Bergman spaces with exponential weights (with Zhangjian Hu and Xiaofen Lv), *J. Funct. Anal.*, **276**, (2019), no. 5, 1402–1429.
- Sampling with derivatives in the Bergman space (with Jameson Cahill), *Sampl. Theory Signal Image Process*, **16**, (2017), 55-72.
- New estimates for the minimal $\mathbf{L^2}$ solution of $\overline{\partial}$ and applications to geometric function theory in weighted Bergman spaces (with D. Varolin), *J. Reine Angew. Math.*, **691**, (2014), 173-201.

- Hankel operators on Fock spaces (with A. Perala and J. Virtanen), *Hankel operators on Fock spaces. Concrete operators, spectral theory, operators in harmonic analysis and approximation*, 377-390, Oper. Theory Adv. Appl., 236, Birkhuser/Springer, Basel, 2014.
- Interpolation on non-uniformly separated sequences in a weighted Bergman space (with T. Wertz), *J. Egyptian Math. Soc.*, **21**, (2013), no. 2, 97–102.
- Toeplitz operators and Carleson measures on Generalized Bargmann-Fock spaces (with D. Varolin), *Integral Equations and Operator Theory*, **72**, (2012), no. 3, 363–392.
- Some properties of the canonical divisor in the Bergman space (with C. Luciano and L. Narins), *Int. J. Pure Appl. Math.*, **48** (2008), no. 4, 585–594.
- Critical factors in the phylogenetic analysis of human and Neanderthal mitochondrial DNA (with C. Moradi), preprint.
- Sampling and interpolation for Bergman spaces on Riemann surfaces (with D. Varolin), *Rev. Mat. Iberoamericana*, **24** (2008), no. 2, 499–530.
- The maximum principle for the Bergman space and the Möbius pseudodistance for the annulus, *Proc. Amer. Math. Soc.*, **134** (2006), 3525–3530.
- Interpolating and sampling hypersurfaces for the Bargmann-Fock space in higher dimensions (with J. Ortega-Cerdà and D. Varolin), *Math. Ann.*, **335** (2006), no. 1, 79–107.
- On uniformly discrete sequences in the disk (with P. Duren and D. Vukotic), *Quadrature Domains and Applications*, 131–150, Oper. Theory Adv. Appl., 156, Birkhäuser, Basel, 2005.
- Composition operators on the Fock space (with B. Carswell and B. MacCluer), *Acta Math. Sci. (Szeged)*, **69** (2003), no. 3-4, 871–887.
- Finite unions of interpolation sequences (with P. Duren), *Proc. Amer. Math. Soc.*, **130** (2002), no. 9, 2609-2615.
- Sampling sequences for Bergman spaces for $p < 1$ (with D. Varolin), *Complex Variables Theory Appl.*, **47** (2002), 243-253.
- Multiple interpolation and extremal functions in Bergman spaces (with M. Krosky), *J. Anal. Math.*, **85** (2001) 141-156.
- On Seip's description of sampling sequences in Bergman spaces, *Complex Variables Theory Appl.*, **42** (2000) 347-367.
- Uniform densities of regular sequences in the unit disk (with P. Duren and K. Seip), *Trans. Amer. Math. Soc.*, **352** (2000), no. 9, 3971–3980.
- Weak conditions for interpolation in holomorphic spaces (with K. Seip), *Publ. Math.*, **44** (2000), 277-293.
- Interpolation by Bloch functions, *Ill. J. Math.*, **43** (1999), no. 4, 677–691.
- A Carleson-type condition for interpolation in Bergman spaces (with K. Seip), *J. Reine Angew. Math.*, **497** (1998), 223-233.

- The homogeneous approximation property in the Bergman space, *Houston J. Math.*, **24** (1998), no. 4, 707-722.
- Sampling and interpolation in Bergman spaces. Thesis (Ph.D.) University of Michigan. 1997. 87 pp. ISBN: 978-0591-41688-6, ProQuest LLC
- Sets of sampling and interpolation in Bergman spaces, *Proc. Amer. Math. Soc.*, **125** (1997), no. 6, 1717-1725.

Books

- *Bergman Spaces* (with P. Duren), American Mathematical Society, Mathematical Surveys and Monographs Series, Volume 100, Providence, RI, 2004.