

## Matthew Brain M.Sc.

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### Current Roles and Responsibilities

**California State University, Fresno:** Winemaker and Lecturer. June 2015 - Present.

- Fresno State Winery Winemaker, responsible for managing the university's 10,000 case bonded winery and instructional facility
- Department of Viticulture and Enology Lecturer, responsible for teaching and wine production and operations, mentoring students and supervising student interns, and coordinating classroom projects
- Responsibilities also include: Close and effective interaction with the grape and wine industries, university community, and the public.

**Baker & Brain Wines:** Viticulture Relations / Co-winemaker / Co-owner. 2009 - Present.

- 1600 case brand of Pinot Noir and Rhone varietals (as well as Gruner Veltliner) produced from unique and consciously farmed vineyard sites across California's central coast.

### Professional Accolades

Baker and Brain Accolades

- 2012 Gruner Veltliner: 88 "Editors Choice" (WE)
- 2011 Le Mistral Syrah: 92 (WE)
- 2011 Le Mistral Grenache: 92 (WE)
- 2011 Pendulum: 90 (WS)
- 2009 McIntyre Vineyard Pinot Noir: 91 (WS)

Edna Valley Vineyard Accolades

- 2007 Reserve Pinot Noir: 93 (WE); 91 (WS)
- 2007 Paragon Chardonnay: 88 (WA); 87 (WS) "Top Value"; 87 (WE)

### Work History

**Laffort USA:** Enologist / Technical Representative. 2014-2015.

- Helping winemakers on the Central Coast make the finest wines possible, utilizing Laffort's strong range of enological products.

**Cal Poly State University:** Lecturer and Cellar Master. Aug 2012 - Jan 2015.

- Wine and Viticulture Department. Courses Instructed: Introduction to Winemaker (WVIT 202), Sensory Evaluation of Wine (WVIT 442), as well as Lecture and Lab for the Senior Winemaking Series, a comprehensive and hands-on winemaking class for Enology students (WVIT 404, 405, 406)
- Responsibilities also included: Consulting Winemaker for the Mustang Wine program, design and advancement of a promised new campus winery, mentoring students on senior projects, internship placements and recruiting, and serving as faculty advisor to the Vines to Wines Club.

**Edna Valley Vineyard:** San Luis Obispo CA. Associate Winemaker. 2007 - 2012.

- Responsibilities include all aspects of winemaking, quality control and winery representation.
- Planning and implementing daily operations in the cellar and lab for 8 full-time and 7 harvest-production direct reports.
- Coordination and oversight of third-party facility winemaking, shipping and bottling operations.
- Extensive annual product and process evaluation trials in the vineyards and winery.
- EVV Safety Team and Diageo Green Team Committee Member, First Aid and CPR certified, Qualified Applicator Certified and Fork-lift licensed.

**Juniper Canyon:** Winemaker. 2009 - 2011.

- 27k case Diageo innovation brand. Chard, Cab and Merlot.
- Evaluating excess Diageo inventory, coordinating shipping, blending and bottling. Minor marketing responsibilities.

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**Tolosa Winery / Courtside Cellars:** San Luis Obispo CA. Cellar Supervisor / Tolosa Cellar Master. 2005 – 2007.

- Performed all winemaking on the Tolosa 2006 and 2007 lots and blends under the direction of Larry Brooks and Nathan Carlson.
- Supervised Crush-Pad, Cellar and Barrel Room Operations, bulk-wine inventory and WMDB tracking.
- Assisted in vine analysis and sampling. Tasting panel member and Tolosa brand representative.
- Developed and refined SOP and implemented Harbertson-Adams Assay.
- Designed, implemented and evaluated extensive product and process trials.

**Weir Canada (Process Equipment Division):** Mississauga, Ontario. Scientific Support Services Director. 2002 – 2005.

- Created and directed a technical application laboratory and support service for bioprocess and filtration customers.
- Purchased and validated in-house fluid testing facilities and portable test equipment for on-site trials.
- Conducted in-house and on-site validation and process efficiency trials, contaminant analysis, media compatibility, scale-up support etc.
- Technical presentations and SOP development.
- Quarterly reporting on action plans, sales impacts and operating budgets.

**Graduate Research Assistant:** Fungal Pathology Lab: Dept of Biological Sciences: Sam Houston State University. 2000 – 2002.

- Assisted in the set-up of a new biological-control focused pathology lab, and hiring / supervising of undergraduate technicians.
- Intracellular staining, fluorescent microscopy and imaging, ecological sampling, flow-cytometry, classification.
- Microbial parasite identification, isolation, and invertebrate brood inoculation, data entry and analysis.
- Assisted in grant proposal preparation and project collaboration meetings.
- Conference and technical presentation representative.

**Laboratory Instructor:** Dept. of Biological Sciences: S.H.S.U. 1998 – 2002.

- Prepared lessons, lead assays, supervised field-work and evaluated student performance.
- Instructed: Biochemistry, Plant Physiology, Cellular and Organismal Biology, Parasitology, and Env. Science.

**Research Assistant: Plant Physiology:** Dept. of Biological Sciences S.H.S.U. 1997 – 1999.

- Compound purification using partitioning, ion exchange chromatography, H.P.L.C. and G.C.M.S.
- Bioassays involving fractioning and concentration triangulation, gamete microscopy and imaging.
- Identification of sex determining antheridiogens using mass-spectrometry.
- Herbarium maintenance, pathogen diagnostics, and environmental control.

### Professional Association

- World of Pinot Noir Board of Directors. San Luis Obispo CA. 2010 – 2013 .
- Central Coast Wine Technical 2008 – Present.
- A.S.E.V. 2008 – Present.

### Education

U.C. Davis Wine and Viticulture Distance Learning Program: 2008 – 2010. GPA: 4.0

L. F. Bisson: “You have mastered this material: A+”

M. Davenport: “Top of the class! You must be an excellent winemaker”

Wine Olfaction Seminar by Alexandre Schmitt. 2010

Introduction to Spanish: Cal Poly University. 2010. Grade A.

Masters of Biological Sciences: Biological Control / Fungal Pathology  
Sam Houston State University: 2000 – 2002. GPA: 3.91

Honors Bachelors of Biological Science: Plant Physiology, Psychology Minor.  
Sam Houston State University: 1995 – 2000. GPA: 3.49.

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**Scholarships and Awards**

Academics: Frank G. Brooks 1st Place Award for Excellence in Student Research. 2000

Texas Academy of Science Best Paper Award. 2000

Graduate Academic Achievement Scholarship Award. 2000 - 2002

Department of Biological Sciences Graduate Scholarship. 2000 - 2002

College of Arts and Sciences Graduate Scholarship. 2001 - 2002

NCAA Southland Conference All Academic Team Award. 1997, 1998, 1999

Wesley Foundation Undergraduate Research Award. 1997 - 1999

Phi Delta Theta High Grade Point Average Award. 1997 - 2000

Dean's List. 1997, 1998, 1999, 2000

University Athletics: S.H.S.U. Varsity Track and Field Decathlon Scholarship. 1995 - 1999  
Decathlon Letterman 1995, and School record holder. 1995 - 1997

**Current Interests:** Triathlon, travel, painting, braised meats, northern Italian reds.

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