

Jack R. Bennett
201 W. University
Odessa, TX 79764

Curriculum Vita

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Education

UNIVERSITY OF CALIFORNIA, RIVERSIDE

PH.D. MATHEMATICS

AUGUST, 2011

DAVID E. RUSH, ADVISOR

DISSERTATION: SOME RESULTS ON FACTORIZATION

IN INTEGRAL DOMAINS

M.S. MATHEMATICS

MARCH, 2011

LOYOLA MARYMOUNT UNIVERSITY

B.S. MATHEMATICS

JUNE, 2005

ORANGE COAST COMMUNITY COLLEGE

A.A.

JUNE, 2002

Teaching Experience

ASSOCIATE PROFESSOR, ODESSA COLLEGE, FALL 2011-PRESENT

- INTRODUCTORY ALGEBRA
- INTERMEDIATE ALGEBRA
- COLLEGE ALGEBRA

PRIMARY INSTRUCTOR, SAN BERNARDINO VALLEY COLLEGE, 2009

- INTERMEDIATE ALGEBRA

PRIMARY INSTRUCTOR, UC RIVERSIDE, SUMMER 2007-SPRING 2011

- PRECALCULUS
- TRIGONOMETRY AND DIFFERENTIAL CALCULUS
- INTEGRAL CALCULUS
- VECTOR CALCULUS II

TEACHING ASSISTANT, UC RIVERSIDE, FALL 2005-SPRING 2011

- PRECALCULUS
- TRIGONOMETRY AND DIFFERENTIAL CALCULUS
- DIFFERENTIAL CALCULUS
- INTEGRAL CALCULUS
- VECTOR CALCULUS I
- VECTOR CALCULUS II
- OPTIMIZATION
- COMBINATORICS
- LINEAR ALGEBRA II
- COMPLEX ANALYSIS

Awards and Honors

- 2010) TEACHING ASSISTANT OF THE YEAR, UCR (JUNE 2008 AND JUNE 2010)
- PROGRAM (2011) GUEST LECTURER AT UCR'S UNIVERSITY TEACHER CERTIFICATE PROGRAM (2011)
- DEPARTMENT SERVICE AWARD, UCR (2010-2011 ACADEMIC YEAR)
- 2011, UCR TEACHING FELLOW AND TEACHING MENTOR, FALL 2007 – SPRING 2011, UCR
- LMU, 2004-2005 OUTSTANDING COLLEGE OF SCIENCE AND ENGINEERING MAJOR, LMU, 2004-2005
- OUTSTANDING MATHEMATICS MAJOR, LMU, 2004-2005

Service

- OUTREACH AND RECRUITMENT FOR ODESSA COLLEGE AT
 - MUSIC CITY MALL, AUGUST 20, 2011
 - PERMIAN BASIN FAIR, SEPTEMBER 11, 2011 (SCHEDULED TO ATTEND)
- 2007-SPRING 2011 TEACHING MENTOR TO INCOMING GRADUATE STUDENTS, FALL 2007-SPRING 2011

- **1054 OF AMS, ORGANIZER FOR RESEARCH CONDUCTED BY STUDENTS, MEETING NOVEMBER 8-9, 2009**

- **SCIENCE FAIR JUDGE, RUSD, WINTER 2011, UCR WITH JIM KELLIHER AND JULIE BERGNER**

- **CO-ORGANIZER FOR THE END OF THE YEAR DEPARTMENT PARTY, UCR, 2011**

- **ASSISTED MY ADVISOR IN MENTORING THREE INCOMING GRADUATE STUDENTS IN RESEARCH UNDER THE EIGHT WEEK LONG AGEP PROGRAM (SUMMER 2010)**

- **COMMITTEE MEMBER FOR THE SELECTION OF TEXTBOOKS FOR THE UCR MATH DEPARTMENT (CALCULUS AND VECTOR CALCULUS)**

- **REPRESENTATIVE FOR UCR'S GRADUATE PROGRAM IN MATHEMATICS AT THE FOLLOWING GRADUATE FAIRS:**
 - UNIVERSITY OF CALIFORNIA AT IRVINE, 2008
 - LOYOLA MARYMOUNT UNIVERSITY, 2010
 - CAL STATE UNIVERSITY LOS ANGELES, 2010

Outreach Activities

- **MATHEMATICS VOLUNTEER: FOURTH ANNUAL PACIFIC COAST UNDERGRADUATE CONFERENCE, PCUMC**
 - SATURDAY, MARCH 14, 2009, UCR
 - SATURDAY, MARCH 12, 2011, LMU

- **VOLUNTEER: PARENT VOLUNTEER/CHAPERONE FOR SCHOOL ACTIVITIES FOR NORTH VERDEMONT ELEMENTARY SCHOOL, SAN BERNARDINO, INCLUDING, BUT NOT LIMITED TO:**

- SKATE NIGHT (FUNDRAISER),
 - FALL FESTIVAL
 - FIELD TRIPS (2006-2011)
- **PREVIEW DAY, HOW TO SOLVE THE RUBIK'S CUBE BOOTH: UNDERGRADUATE MATH DEPARTMENT, UCR, 2009 AND 2010**

Relevant Skills

- MICROSOFT WORD (FORMATTING ABILITY), MICROSOFT EXCEL
- WEBASSIGN, MATH XL, MYMATHLAB, BLACKBOARD, WINPLOT
- PROGRAMMING ABILITY IN MATHEMATICA AND LATEX
- EXPERIENCE USING GRAPHING CALCULATORS AS A TEACHING TOOL

Selected Presentations

MATH EDUCATION TALKS

- **PROGRAM (2011)** GUEST LECTURER AT UCR'S UNIVERSITY TEACHER CERTIFICATE
- *GETTING READY FOR YOUR FIRST DAY OF TEACHING*
FALL 2010 AT UCR: A JOINT TALK WITH NATHAN MANNING AND BRIAN ROLLE (APPRENTICE TEACHING CLASS)
- *QUESTIONING: AN INTRODUCTION TO INQUIRY BASED LEARNING*
FALL 2009 AT UCR
- *CLASSROOM MANAGEMENT: AN INTRODUCTION*
FALL 2009 AT UCR: A JOINT TALK WITH NATHAN MANNING
- *HOW TO AND HOW NOT TO ANSWER STUDENT QUESTIONS*
FALL 2008 AT UCR: A SKIT BY THE MENTORS



HOW TO BALANCE TEACHING AND GRADUATE SCHOOL
WINTER 2008 AT UCR

INVITED MATH TALKS



AN INTRODUCTION TO NON-UNIQUE FACTORIZATION

- CSU STANISLAUS (MAY 21, 2010)
- CSU FULLERTON (DEC. 8, 2010)
- CSU SAN BERNARDINO (2011)
- CSU LOS ANGELES (FEB. 23, 2011)
- SACNAS CONFERENCE, UCR, 2011
- CAL POLY POMONA (2011)



*INSIDE FACTORIAL DOMAINS AND RELATED NON-UNIQUE
FACTORIZATION TOPICS*

AMS WESTERN SECTIONAL MEETING, NOVEMBER 7, 2011, UCR

Conferences Attended



UT SYSTEM LSAMP STUDENT RESEARCH CONFERENCE,
ARLINGTON, TX,
SEPTEMBER 15-17, 2011 (SCHEDULED TO ATTEND)



2011 JOINT MATHEMATICS MEETINGS, JANUARY 6-9, 2011, NEW
ORLEANS, LA.



CALIFORNIA MATHEMATICS COUNCIL COMMUNITY COLLEGES
SOUTH,
OCTOBER 16, 2010, NORCO, CA.



WESTERN SECTIONAL MEETING OF THE AMS, 1054, NOVEMBER
7-8 2009, UCR