Research Position for Graduate Student in Applied Math and Image Processing

Benefits
- A competitive stipend of $4,000 in regular semester or summer (three months)
- Renewable for two terms
- Supervised research on math model and analysis, and SAR imaging processing through an externally funded two-year project at UTPA
- Starting date will begin immediately and continue until the position is filled.

Requirements
- Mathematics, Computer Engineering or EE majors
- Good GPA (>3.6/4.0) with strong work motivation
- Current or prospective graduate students will all be considered; minority and underrepresented students are encouraged to apply

Application Packet
1. Personal statement explaining your interest, motivation, and qualifications
2. Resume
3. Transcripts
4. Two letter of recommendations
5. Application form

To apply or for more information, please contact Dr. Qiao as follows:

Dr. Zhijun Qiao
Department of Mathematics
University of Texas-Pan American
1201 W University Dr
Edinburg, TX 78539-2999

Email: qiao@utpa.edu
Phone: (956) 381-3406
Fax: (956) 384-5091
Office: MAGC 3.722

Application Packet: The application packet includes 1) Personal Statement, 2) Resume, 3) Transcripts, 4) Two Letters of Recommendation, and 5) Application Form. Please read below for details concerning each of these items. Email, mail or hand in the application packet at Dr. Qiao with contact information on the previous page.

Deadline: Accept application until the position is filled. Prefer email application to **qiao2010dodnharp@gmail.com**

1. PERSONAL STATEMENT
_____
Please provide a one-page personal statement and address the following questions/issues in your statement.

- What are your educational and professional goals?
  How will you participate in this "Fourier Integral Operation and Its Applications in Synthetic Apertue Radar (SAR) Image Restoration" research program to pursue those goals?
- Describe your past and current research activities. Do you currently participate in other research programs (e.g. LSAMP, REUs, conducting research with a professor, etc)?
- Discuss any co-curricular (i.e. community service/club involvement) activities and their relevance to your educational goals.

2. TRANSCRIPTS
_____
An unofficial copy of your transcripts must be included in your application packet.

3. RESUME
_____
Include an updated resume.

4. LETTERS OF RECOMMENDATION
_____
Include two letters of recommendation from faculty who supervised your work/taught you.

5. APPLICATION FORM
_____
Complete the application form on the next page.

Summer Research Position for Graduate Student in Applied Math

ARPATP Program on Fourier Integral Operation and SAR Image Restoration
Application Form

Name: _____ Date of Birth:_____

UTPA Student I.D._____ Gender: _____

Current Address: _____

Phone: _____ E-mail: _____
_____
Classification: _____ (Graduate /Prospective Graduate Student)

Major: _____ Minor: _____

Major GPA: _____ Cumulative GPA: _____

Degree Sought: _____ Expected Graduation Date: _
_____

Other college or university attended (list years and GPA)

1) _____

2) _____

Ethnicity: (check one)
- ❏ African American   ❏ Hispanic or Latino
- ❏ American Indian or Native American   ❏ Asian or Pacific Islander
- ❏   Other _____ (Please specify)

TOPICS of INTEREST: (if choose more than one, write 1st and 2nd to indicate preference)

❏ Model and Analysis _____   ❏ SAR Imaging _____
_____
_____
Talk to Dr. Qiao to learn about the research project that will be carried out in the
ARPATP program.

Please sign and date below indicating that you meet the requirements and information in
the application is complete and correct.

Signature:_____   Date: _____

Printed name: _____