Student Union Memorial Center, Suite 411
www.career.arizona.edu 520.621.2588

CURRICULUM VITAE (CV)

A curriculum vitae (CV) is a detailed document that covers an individual's academic history, education, work experience, research experience, teaching experience, academic specialization skills, publications, presentations, and memberships. CVs are much longer than resumes and are often used for seeking positions in academia or research.

A CV is commonly used when seeking an academic position and when applying for scientific, research, or medical jobs. CVs are also used when submitting manuscripts for publication, during tenure reviews, and when applying for grants and fellowships.

Categories for CVs may be extensive, including:

- Contact information: name, address, telephone and email
- Objective or a Summary of Qualifications
- Education (all college degrees, graduation dates, master's thesis, doctoral dissertation title/description, name of professors or faculty advisors during dissertation)
- Special Training and Knowledge
- Fellowships, Post-Docs
- Certification, Licensure; Endorsements
- Academic Awards, Scholarships, Honors, Distinctions,
- Professional Recognition
- Grants
- Experience by categories such as: Research Experience, Research Interests, Teaching Experience, Clinical Experience, Administrative Experience, Consulting Experience…
- Publications and Abstracts, professional papers submitted for publication
- Professional presentations at conferences and professional association meetings
- Special skills (computer, technical, lab, scientific, research, languages, etc.)
- Inventions and patents
- Professional association memberships/affiliations, advisory boards
- Campus service, committees, advisory boards, involvement…
- Community service
- References, Credentials, Portfolio, Dossier

Consult with your faculty advisor or college career center as content and style vary by discipline

RITA WINSLOW

10 Mount Lemmon Highway Tucson, AZ 85710
(520) 621-2588 winslow@email.arizona.edu

OBJECTIVE: To obtain a faculty position in an engineering program at a public research university utilizing research skills and teaching experience.

EDUCATION

Ph.D., Civil Engineering, December 20XX
The University of Arizona, Tucson, Arizona. GPA: 4.0

Dissertation: *Finite Element Dynamic Analysis of Nonlinear Porous Media with Applications to Piles in Saturated Clays*

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Dissertation Faculty Advisor: Dr. Jane Bridge

M.S., Civil Engineering, May 20XX
University of Waterloo, Waterloo, Ontario, Canada. GPA: 4.0

Thesis: *Settlement of Strip Footings on Layered Soils.*

B.S., Civil Engineering, September 20XX
University of Peradeniya, Sri Lanka. GPA: 3.8

RESEARCH EXPERIENCE

Research Associate **August 20XX - December 20XX**
The University of Arizona, Tucson, Arizona

- Conducted research for sponsored projects by applying analytical, numerical, and experimental methods in Geomechanics.
- Research emphasized nonlinear finite element procedures, constitutive modeling and applications of dynamics of porous media.
- Involved in National Science Foundation sponsored research project titled "*Dynamic Analysis of Pile Foundations Including Consolidation and Installation Effects."*
- Participated in field and laboratory experiments. Developed constitutive models for clay. Implemented field and laboratory tests.
- Worked on developing unified constitutive models for geological materials in general
- Developed new approach to model the strain softening and shear dilation of sands, based on the *damage* approach, generally used for concrete.

Research Assistant **May 20XX - March 20XX**
University of Waterloo, Ontario, Canada

- Developed computer programs and analyzed settlement of strip footings on layered soils using nonlinear finite element and finite difference methods.

TEACHING EXPERIENCE

Teaching Associate **August 20XX - May 20XX**
The University of Arizona, Tucson, Arizona
- Taught computer-aided drafting and materials testing laboratory to 300 undergraduate students.

Teaching Assistant **May 20XX - August 20XX**
University of Waterloo, Ontario, Canada
- Taught soil mechanics laboratory to 500 third-year students. Graded examinations for a materials science course for mechanical engineers.

Assistant Lecturer **October 20XX - May 20XX**
University of Peradeniya, Sri Lanka
- Taught fluid mechanics, structural design, geotechnical design and surveying field classes for over 500 undergraduate students.

PUBLICATIONS

Consult APA manual for correct format of publications and presentations.

Invited Papers

- Desai, C.S., Sharma, S.K., Winslow, R.W., and Woo, Z.Z., "Discussion of Factors Which Effect Reliable Computer Implementation of Hierarchical Models," Invited Theme Paper (Under Preparation), *Workshop on Reliability in Computational Mechanics*, Austin, Texas, October 20XX.

- Desai, C.S., Winslow, R.W., and Navayogarajah, N., "Developments in Hierarchical Modeling for Solids and Discontinuities and Applications," Invited Paper, *International Conference on Constitutive Laws for Engineering Materials*, Chongqing, China, August 20XX.

- Desai, C.S., Galagoda, H.M., and Winslow, R.W. "Hierarchical Modeling for Geologic Materials and Discontinuities-Joints, Interfaces," Invited Paper, *Proceedings of the Second International Conference on Constitutive Laws for Engineering Materials: Theory and Applications*, Tucson, Arizona, January 20XX. Desai et al (Eds), Elsevier, New York, Vol. 1, pp. (81-95).

Refereed Publications

- Winslow, R.W., and Woo, Z.Z., Discussion for the paper "Development of Nonassociated Flow Rule for Anisotropic Clays," by R.N. Yong and A.M.O. Mohamed, To be published in the *Journal of Engineering Mechanics*, *ASCE*, February 20XX.

- Winslow, R.W., and Desai, C.S., "An Analysis of Piles in Marine Clay Under Cyclic Loading," *Proceedings of the 21st Offshore Technology Conference*, Houston, Texas, June 20XX, Paper No. OTC6002, Vol. 2, pp. (359-366).

- Winslow, R.W., and Desai, C.S., "'Damage' Based Constitutive Model for Sand," *Proceedings of the 12th Canadian Congress of Applied Mechanics (CANCAM'XX)*, Ottawa, Canada, May 2016.

CONFERENCE PRESENTATIONS

- "New Materials, New Technologies," International Conference on Laws for Engineering Materials and Applications, presenter, Tucson, AZ, January 20xx.
- "Careers through Licensure," American Society of Civil Engineers Younger Member Leadership Symposium, presenter, Reston, VA, August 20xx.

POSTER PRESENTATIONS

- Winslow, R. (20XX, March). Geomechanics: Boulder Leak-off Coefficient. Poster session, Cave Creek, Arizona
- Winslow, R., Desai, C.S. (20XX, December). Hierarchical Modeling. Tucson, Arizona

OTHER EXPERIENCE

- Maintained the Advanced Constitutive Modeling Laboratory at The University of Arizona for one year. Performed conventional triaxial and truly triaxial tests and inventory control.
- Software and system maintenance for the Geomechanics and Earthquake Computer Laboratory in the Civil Engineering Department.
- Extensive experience with various computer systems including three years at the John von Newman Computer Center (JvNCC) in Princeton, New Jersey.

PROFESSIONAL ACTIVITIES

- Second International Conference on Laws for Engineering Materials and Applications, Tucson, Arizona, January 20XX, participant.
- Reviewer for the International Journal of Numerical and Analytical Methods in Geomechanics and the Journal of Engineering Mechanics (ASCE).
- Associate Member of the American Society of Civil Engineers.
- Engineer-in-Training (EIT): completed certification in Year for Arizona.
- Vice President, Civil Engineering Society, University of Peradeniya, Sri Lanka, (20XX).

HONORS AND AWARDS

Campus Teaching Award, University of Arizona	20XX - 20XX
Summer Research Grant, University of Waterloo City	20XX - 20XX