

Christopher P. Randle  
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Department Biological Sciences  
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**Communications:**  
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### **Major Research Interests**

Plant evolution and systematics, parasitic plant evolution, molecular evolution, and theoretical phylogenetics.

### **Appointments**

August 2012-present: Associate Professor, Department of Biological Sciences, Sam Houston State University.

August 2006-2012: Assistant Professor, Department of Biological Sciences, Sam Houston State University.

### **Post-Doctoral Experience**

June 2004 – July 2006: Evolution and systematics of *Crassula* (Crassulaceae).

Supervisor: Mark Mort, University of Kansas

July 2005 – July 2006: Evolution of the African clade of Coreopsidae (Asteraceae):  
Supervisor: Daniel J. Crawford, University of Kansas.

### **Education**

Ph.D. Department of Evolution, Ecology and Organismal Biology, The Ohio State University. 2004.

B.A. (*cum laude*) Biology, Hiram College. 1995.

### **Teaching Experience**

Lecturer. Sam Houston State University.

Introduction to Botany (BIO 161/BIOL 1311): 2006-Present

Introductory Genetics (BIO 345): Fall 2007-Spring 2008

Principles of Systematics (as BIO 531, 536): 2006-Present

Special Graduate Topics: Mechanisms of Plant Evolution (BIO 561, 535): 2007-Present.

Population Genetics (BIO 595, 591): Spring 2009, Spring 2011

Evolution of the Universe from the Big Bang to Humankind (HON 131): 2008-2009.

Decision-Making: Coping in a Complex World (HON 231): 2009-Present

Molecular Biology (BIOL 4480): Fall 2011

Graduate Teaching Assistant. The Ohio State University. September 1997-June 2004.

Plant Biology 101 lab (Autumn 1997; Autumn 1998); Plant Biology 102 lab (Winter 1998); Plant Biology 102 lecture (Summer 1998); Local Flora 210 lab (Spring 1998); Animal Diversity and Systematics lab 405.5 (Spring 2001); Molecular Ecology 610 (Spring 2004).

Teaching Assistant and Lab Instructor. Hiram College. September 1992-December 1994.

***Teaching Experience ctd.***

Introduction to German 110 (Fall 1992; Fall 1993); Introduction to German 111 (Winter 1993); Introduction to German 112 (Spring 1993). Organic Chemistry 220 (Fall 1994)

***Honors and Awards***

One of six top-funded researchers, SHSU 2012

Student Award: Best Presentation, Systematics. S. African Association of Botanists. 2002  
Delzie Demaree Award. 1999.

Service Award for work performed as vice-president of Hiram College Student Senate, 1995.

Phi Beta Kappa, 1995.

American Electric Power Scholarship, 1991.

Mastin Scholarship, 1991.

***Service***

Member of the Governing Council of the Willi Hennig Society, 2012-present

Symposium Co-Organizer: The Greatest Opportunists of All- Celebrating 40 years of Job  
Kuijt's *Biology of Parasitic Flowering Plants*. *Botanical Society of America*.  
Snowbird, UT. July 2009.

Editorial Board: *Systematic Biology* 2007-present

Botany Committee Chair: SHSU Dept. of Biol. Sci. The committee was charged with  
revamping Botany labs (BIO 111/BIOL 1111) and the creation of a new lab  
manual. 2008-2009.

Genetics Professor Search Chair: 2007-2008.

Manuscript Review: *American Journal of Botany*, *Annals of the Missouri Botanical Garden*, *Botanical Journal of the Linnaean Society*, *Bothalia*, *Castanea*, *Cladistics*, *International Journal of Plant Science*, *Journal of the Botanical Research Institute of Texas*, *Molecular Biology and Evolution*, *Molecular Phylogenetics and Evolution*, *Plant Systematics and Evolution*, *Systematic Biology*, *Systematic Botany*.

***Current Memberships in Professional Societies***

American Society of Plant Taxonomists; Botanical Society of America, Society for  
Systematic Biology, Willi Hennig Society.

***Grants and Fellowships***

**Active Grants**

**Randle, C.P.** and J.J. Morawetz. 2012. Collaborative Research, RUI: Systematic  
Investigation of Tropical Diversity in Orobanchaceae. National Science  
Foundation, Division of Environmental Biology: \$145,051 (Total Grant:  
\$533,788)

**Randle, C.P.** and J.K. Williams. The Rio Grande as a barrier to gene flow for three  
ecologically disparate plant species. USDA /NIFA through Sul Ross State University.  
\$47,550.

### Previous Grants

USDA /NIFA, Sustainable Agricultural Freshwater Conservation of Texas Grant through Sul Ross State University 2011: \$47,550  
Arthur G. Seeligson, Jr. Conservation Grant (Fort Worth Zoo) 2009: \$5,000.  
Enhancement Grant for Research, Sam Houston State University 2008: \$17,496  
Beckman-Coulter Genomics Educational Grant 2008: \$50,000  
Faculty Research Grant, Sam Houston State University 2007: \$4,767  
Presidential Fellowship, The Ohio State University 2003-2004: \$15,000 (stipend)  
Professional Development Travel Award, The Ohio State University 2001: \$450  
National Science Foundation Doctoral Dissertation Improvement Grant, 2001: \$10,000  
Graduate Student Alumni Research Award, The Ohio State University, 2001: \$2,000  
American Society of Plant Taxonomists Graduate Student Research Grant, 2000: \$1,000  
Sigma Xi Graduate Research Grant, 2000: \$800  
Janice Carson Beatley Herbarium Award, The Ohio State University, 1999 and 2000:  
Total \$2,000  
International Student Dissertation Travel Grant, The Ohio State University, 1998: \$2,000

### Current Manuscripts

**RANDLE, C.P.** *In press. Bartsia.* Flora of North America. Vol. 17, Oxford University Press, NY.  
**RANDLE, C.P.** *In press. Brachystigma.* Flora of North America. Vol. 17, Oxford University Press, NY.  
**RANDLE, C.P.** *In press. Odontites.* Flora of North America. Vol. 17, Oxford University Press, NY.  
**RANDLE, C.P.** *In press. Melampyrum.* Flora of North America. Vol. 17, Oxford University Press, NY.  
**RANDLE, C.P.** *In press. Seymeria.* Flora of North America. Vol. 17, Oxford University Press, NY.

### Peer-reviewed Publications [27]

RAGHAVENDRAH, R., **C.P. RANDLE**, AND S.R. BUCHELI. 2011. Identification of a death-scene maggot using standardized molecular methods: *Sarcophaga bullata* Parker 1916 (Sarcophagidae) out-numbers blowflies (Calliphoridae) on an urban cadaver in southeastern Texas. *Journal of Forensic Research* 2(6):1-4.  
MORAWETZ, J.J., AND **C.P. RANDLE**. 2010. The status of *Harveya alba* (Orobanchaceae). *Kew Bulletin* 65(3): 495-496.  
**RANDLE, C.P.** AND K.M. PICKETT. 2010. The conflation of ignorance and knowledge in the inference of Bayesian clade posteriors. *Cladistics* 26(5): 550-559.  
MORAWETZ, J.J., **C.P. RANDLE**, AND A.D. WOLFE. 2010. Phylogenetic relationships within the tropical clade of Orobanchaceae. *Taxon* 59(2): 416-426.  
CURETON, J.C., A.B. BUCHMAN, **C. P. RANDLE**, W. I. LUTTERSCHMIDT, AND R. DEATON. 2010. Development and cross-amplification of nine novel *Gambusia geiseri* microsatellite loci in *G. clark-hubbsi* and the endangered *G. nobilis*. *Conservation Genetics Resources* doi 10.1007/s12686-010-9220-7.  
MORT, M.E., **C.P. RANDLE**, P. BURGOYNE, G.SMITH, E. JAARSVELD, AND S. HOPPER.

2009. Analyses of cpDNA *matK* sequence data place *Tillaea* (Crassulaceae) within *Crassula*. *Plant Systematics and Evolution* 283(4): 211-217.
- MORT, M. E., O'LEARY, T.R., CARILLO-REYES, P., NOWELL, T., ARCHIBALD, J. K. AND C. P. RANDLE. 2009. Phylogeny and Evolution of Crassulaceae: past, present, and future. In N. Juergens and D. Metzing, eds. *Phylogeny of Succulent Plant Families*. Biocentre Klein Flottbek, Hamburg.
- CRAWFORD, D. J., M.TADESSE, M. E. MORT, R. T. KIMBALL, AND C. P. RANDLE. 2009. Coreopsidae. Pp. 713-730 in: *Systematics, Evolution, and Biogeography of Compositae*, eds. V.A. Funk, A. Sussana, T.F. Stuessy, and R.J. Bayer. International association of Plant Taxonomy, Vienna.
- FUNK, V.A. ET AL. (58 AUTHORS INCLUDING C.P. RANDLE). 2009. Compositae Meta-supertree: the next generation. Pp. 747-777 in: *Systematics, Evolution, and Biogeography of Compositae*, eds. V.A. Funk, A. Sussana, T.F. Stuessy, and R.J. Bayer. International association of Plant Taxonomy, Vienna.
- CURETON, J.C., A.B. BUCHMAN , C. P. RANDLE, W. I. LUTTERSCHMIDT, AND R. DEATON. 2009. Characterization of ten novel microsatellite loci for the threatened Ornate Box Turtle, *Terrapene ornata*. *Conservation Genetics Resources* 1: 141-143.
- BUCHMAN, A.B. , R. DEATON, C.P. RANDLE, T. BRUMMEL, E.D. WILSON, AND W.I. LUTTERSCHMIDT. 2009. Isolation and characterization of polymorphic microsatellite loci for the three-toed box turtle (*Terrapene carolina triunguis*) and cross-amplification in other *Terrapene* species. *Molecular Ecology Resources* 9(4):1169-1171.
- MORT, M. E. C. P. RANDLE, R. T. KIMBALL, M. TADESSE, AND D. J. CRAWFORD. 2008. Phylogeny of Coreopsidae (Asteraceae) inferred from nuclear and plastid DNA sequences. *Taxon* 57:1-12.
- MORT, M. E., J. K. ARCHIBALD, C.P. RANDLE, N. D. LEVSEN, R. T. O'LEARY, K. TOPALOV, C. WIEGAND, AND D. J. CRAWFORD. 2007. Inferring phylogeny at low taxonomic levels: utility of rapidly evolving cpDNA and nuclear ITS loci. *American Journal of Botany* 94(2): 173-183
- RANDLE, C.P. 2006. Book review: "Phylogeny and Evolution of Angiosperms". *Cladistics* 22: 97-99.
- WOLFE, A.D., C. P. RANDLE, S. L. DATWYLER, J. J. MORAWETZ, N. ARGUEDAS, AND J. DIAZ. 2006 Phylogeny, taxonomic affinities, and biogeography of *Penstemon* (Plantaginaceae) based on ITS and cpDNA sequence data. *American Journal of Botany* 93(11): 1699-1713
- RANDLE, C.P. 2006. Taxonomic revision of *Harveya* (Orobanchaceae) species of southern Africa. *Systematic Botany Monographs* 80: 1-74 .
- RANDLE, C.P. AND K.M. PICKETT. 2006. Are non-uniform clade priors important for Bayesian phylogenetic inference: a response to Brandley et al. *Systematic Biology* 55(1): 147-151
- RANDLE, C.P., M.E. MORT, AND D.J. CRAWFORD. 2005. Bayesian inference of phylogenetics revisited: developments and concerns. *Taxon* 54(1): 9-15.
- RANDLE, C.P. AND A.D. WOLFE. 2005. The evolution and expression of *rbcL* in holoparasitic sister-genera *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae). *American Journal of Botany* 92(9): 34-44.

- MORT, M.E., N. LEVSEN, E. VAN JAARSVELD, **C.P. RANDLE**, AND A. PALMER. 2005. Phylogenetics and diversification of *Cotyledon* (Crassulaceae) inferred from nuclear and chloroplast DNA sequence data. *American Journal of Botany* 92(7): 1170-1176.
- WOLFE, A.D., **C.P. RANDLE**, L. LIANG, AND K. STEINER. 2005. Phylogeny and Biogeography of Orobanchaceae. *Folia Geobotanica* 40: 115-134.
- PICKETT, K.M AND **C.P. RANDLE**. 2005. Strange Bayes indeed: uniform topological priors imply non-uniform clade priors. *Molecular Phylogenetics and Evolution* 34:203-211.
- WOLFE, A.D. AND **C.P. RANDLE**. 2004. Recombination, heteroplasmy, haplotype polymorphism, and paralogy in plastid genes: Implications for plant molecular systematics. *Systematic Botany* 29: 1011-1020.
- WOLFE, A.D., S.L. DATWYLER, AND **C.P. RANDLE**. 2002. A phylogenetic and biogeographic analysis of the Cheloneae (Scrophulariaceae) based on ITS and matK sequence data. *Systematic Botany* 27(1):138-148.
- SIMMONS, M.P., **C.P. RANDLE**, J.V. FREUDENSTEIN, AND J.W. WENZEL. 2002. Limitations of relative apparent synapomorphy analysis (RASA) for measuring phylogenetic signal. *Molecular Biology and Evolution* 19(1):14-23.
- WOLFE, A.D. AND **C.P. RANDLE**. 2001. Relationships within and among species of the holoparasitic genus *Hyobanche* (Orobanchaceae) inferred from ISSR banding patterns and nucleotide sequences" *Systematic Botany* 26(1):120-130.
- LORET DE MOLA, J.R., F. ARRENDO-SOBERON, **C.P. RANDLE**, R.T. TUREK AND M.A. FRIEDLANDER. 1997 Markedly elevated cytokines in pleural effusion during ovarian hyperstimulation syndrome: transudate or ascites? *Fertility and Sterility* 67(4) 780-782. 1997.

#### *Invited Seminars and Workshop Presentations [13]*

- C.P. RANDLE**. 2011. Taking to the Trees: A Natural History of an Aerial Parasite. Texas Tech, Lubbock, TX.
- RANDLE, C.P.** 2011. Model-based phylogenetic methods. Twelfth International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Inecole Ecologia, AC. Xalapa, Veracruz. Mexico.
- RANDLE, C.P.** 2010. Model-based phylogenetic methods. Eleventh International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Ohio State University. Columbus, OH.
- MORAWETZ, J.M. AND **C.P. RANDLE**. 2009. Progress and pitfalls: Towards a phylogeny of the tropical broomrapes (Orobanchaceae). "Botany 2009" Symposium: The Greatest Opportunists of All- Celebrating 40 years of Job Kuijt's *Biology of Parasitic Flowering Plants*. *Botanical Society of America*. Snowbird, UT.
- RANDLE, C.P.**, S.E. KEITH-COUCH, AND V.G. TARSON. 2009. Characterization of *rbcS* in Orobanchaceae. "Botany 2009" Symposium: The Greatest Opportunists of All- Celebrating 40 years of Job Kuijt's *Biology of Parasitic Flowering Plants*. *Botanical Society of America*. Snowbird, UT.

- RANDLE, C.P.** 2009. Model-based phylogenetic methods. Tenth International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Ohio State University. Columbus, OH.
- RANDLE, C.P.** 2009. Tropical diversity in the new Orobanchaceae. Rancho Santa Ana Botanical Garden, Claremont, CA.
- RANDLE, C.P.** 2009. Can we see the Forest and the Tree? Lone Star College at North Harris Phylogenetics Symposium, Houston, TX.
- RANDLE, C.P.** AND K.M. PICKETT. 2008. Conflation of ignorance and knowledge in the inference of clade posteriors. Hennig XXVII: International Meeting of the Willi Hennig Society, Tucuman Argentina.
- RANDLE, C.P.** 2007 Systematics and photosynthetic gene evolution of the parasitic genus *Harveya* (Orobanchaceae). Department of Plant Biology, University of Texas at Austin.
- RANDLE, C.P.** 2007. Introduction to DNA- Sequences #1 by John Lane: Emergent properties of DNA sequence information in science and art. Contemporary Music Festival. Sam Houston State University.
- CRAWFORD, D. J., M. E. MORT, **C.P. RANDLE**, R. T. KIMBALL, AND MESFIN TADESSE 2006. "Phylogeny of Coreopsidæ (Asteraceæ): insights from nuclear and plastid sequences". The International Compositæ Alliance, Barcelona, Spain.
- RANDLE, C.P.** 2004. Parasitic plants: Notes from the Underground. Old Dominion University, Department of Biology Seminar. Norfolk, VA.
- RANDLE, C.P.** AND K.M. PICKETT. 2004. The influence of flat topological priors on Bayesian inference of phylogeny. "Botany 2004" Symposium: Methods and Theory of Phylogenetic Inference. *Botanical Society of America*. Snowbird, UT.

#### ***Presentations, Posters, and Abstracts [39]***

- ARCHAMBEAULT, A.D.. **C. P. RANDLE**, N. K. LINDGREN, AND S. R. BUCHELI. 2012. Population structure of *Lucilia mexicana* Macquart 1843 (Diptera: Calliphoridae) in Texas with a discussion of colonization and genetics. The Annual Meeting of the Entomological Society of America, Knoxville, Tennessee.
- RANDLE, C.P.** AND J.V. FREUDENSTEIN. 2011. The effect of within-replicate search strategies on jackknife support of clades of different size. "Botany 2011". St. Louis, MO.
- HAWKINS, A.K., A.D. ARCHAMBEAULT, B.C. CANNON, A.M. FAUST, N.D. LEVSEN, J.K. WILLIAMS, AND **C.P. RANDLE**. 2011. Subspecific classification within *Phoradendron serotinum* (Viscaceae): Morphological and molecular markers for assessment of population genetic structure. "Botany 2011". St. Louis, MO.
- CANNON, B.C., J.D GARRISON, J.F. SOPAS, T.J. VERASTEGUI, AND **C.P. RANDLE**. 2011. Presentation, aroma, and flavor: Investigation of host cues in the orientation and establishment of *Phoradendron serotinum* (Viscaceae). "Botany 2011". St. Louis, MO.
- REID, R.L., HAWKINS, A.K., LA ROYA, S.E., CANNON, B.C., FAUST, A.M., VERASTEGUI, T.J., TARSON, V.G., AND GARZA, L.D., **RANDLE, C.P.** 2010. Identification of host cues for haustorium orientation and initiation in the leafy mistletoe

- Phoradendron serotinum* (Santalaceae). "Botany 2010". Providence, Rhode Island.
- HAWKINS, A.K., RANDLE, C.P., WILLIAMS, J.K., ARCHAMBEAULT, A.D., AND CANNON, B.C. 2010. Subspecific classification within *Phoradendron serotinum* (Viscaceae): Development of microsatellite markers for assessment of population genetic structure. "Botany 2010". Providence, Rhode Island.
- MORAWETZ, J.M. AND RANDLE, C.P. 2010. The five lost tribes of Orobanchaceae: New insights on family classification from the tropical lineage. Botany 2010". Providence, Rhode Island.
- HAWKINS, A.K., C.P. RANDLE, J.K. WILLIAMS, B.C. CANNON, AND A.D. ARCHAMBEAULT. 2009. Subspecific classification within *Phoradendron serotinum* (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. Texas Invasive Plant & Pest Conference - Trinity University, San Antonio TX.
- HAWKINS, A.K., C.P. RANDLE, AND A.D. ARCHAMBEAULT. 2009. Subspecific classification within *Phoradendron serotinum* (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. "Botany 2009" *Botanical Society of America*. Snowbird, UT.
- REID, R.L., A.K. HAWKINS, AND C.P. RANDLE. 2009. Pilot Study: Germination and haustorial disc initiation in *Phoradendron serotinum* (Santalaceae). "Botany 2009" *Botanical Society of America*. Snowbird, UT.
- HAWKINS, A.K., AND C.P. RANDLE. 2009. Subspecific classification within *Phoradendron serotinum* (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. Texas Academy of Sciences Conference. Junction, Texas.
- RAGHAVENDRA, R., S.R. BUCHELI, AND C.P. RANDLE. 2009. Identification of a death-scene maggot using modern molecular techniques. 7<sup>th</sup> Annual Meeting of the National Association of Forensic Entomologists. Miami, FL.
- CURETON, J.C., C.P. RANDLE, W.I. LUTTERSCHMIDT, AND R. DEATON. 2009. Investigating the impact of urbanization on ornate box turtles (*Terrapene ornata*). Texas Academy of Sciences Conference. Junction, Texas.
- C.P. RANDLE, J. WILLIAMS, S.M. LEE, G.V. ZYCHOWSKI, AND R.L. REID. 2008. Host preference in leafy mistletoe, *Phoradendron serotinum* (Santalaceae). "Botany 2008" *Botanical Society of America*. Vancouver, British Columbia.
- C.P. RANDLE AND K.M. PICKETT. 2008. Conflation of ignorance and knowledge in the inference of clade posteriors. "Botany 2008" *Botanical Society of America*. Vancouver, British Columbia.
- HAWKINS, A.K. AND C.P. RANDLE. 2008. A preliminary examination of subspecific classification within *Phoradendron serotinum* (Santalaceae): development of microsatellite markers for assessment of population genetic structure. "Botany 2008" *Botanical Society of America*. Vancouver, British Columbia.
- MORAWETZ, J. J., C. P. RANDLE, AND A. D. WOLFE. 2008. Detangling *Melasma*: One genus or two. "Botany 2008" *Botanical Society of America*. Vancouver, British Columbia.

- MORAWETZ, J. J., C. P. RANDLE, AND A. D. WOLFE. 2007. Phylogeny and evolution of holoparasitism in the African clade of Orobanchaceae. "Botany 2007" *Botanical Society of America*. Chicago, Illinois.
- RANDLE, C. P., M. E. MORT, J. K. ARCHIBALD, N. D. LEVSEN, T. R. O'LEARY, K. TOPALOV, C. M. WIEGAND, AND D. J. CRAWFORD. 2006. The Tortoise, the Hare and the Old, Grey Mare: Utility of Rapidly evolving loci in resolving phylogenies among closely related taxa. *Kansas Systematics Symposium*. Lawrence, Kansas.
- MORT, M. E., C.P. RANDLE, P. M. BURGOYNE, G.F. SMITH, H. TOLKEN, S. HOPPER, E. VAN JAARSVELD. 2006. Molecular phylogenetics of *Crassula* (Crassulaceae) inferred from nuclear and plastid DNA sequences: patterns of evolution and dispersal. "Botany 2006" *Botanical Society of America*. Chico, California.
- RANDLE, C. P., M.E. MORT, P.M. BURGOYNE, G.F. SMITH. 2005. Phylogenetic investigation of the genus *Crassula* L. (Crassulaceae). "Botany 2005" *Botanical Society of America*. Austin, Texas.
- JANDA, R.D., B.D. JOSEPH, J.M. UNGER, M. DALY, J.V. FREUDENSTEIN, C.P. RANDLE, AND J.W. WENZEL. 2005. Shifts that pass in the night: Missed opportunities in the recent history of linguistics and biology. "79<sup>th</sup> Annual Meeting". *The Linguistics Society of America*. San Francisco, California.
- JANDA, R.D., B.D. JOSEPH, J.M. UNGER, M. DALY, J. V. FREUDENSTEIN, C.P. RANDLE, AND J.W. WENZEL. 2005. Linguistic borrowings from biology: Cross-pollination or cross-bollixation? "79<sup>th</sup> Annual Meeting" *The Linguistics Society of America*. San Francisco, California
- PICKETT, K.M., AND C.P. RANDLE. 2004. The persistence of clade prior influence in Bayesian phylogenetic analyses. *Cladistics* 20: 602-602.
- RANDLE, C.P. AND K.M. PICKETT. 2004. The influence of flat topological priors on Bayesian inference of phylogeny. "Botany 2004" *Botanical Society of America*. Snowbird, Utah.
- PICKETT, K.M., C.P. RANDLE, AND M.P. SIMMONS. 2003. Do Bayesian support values reflect probability of the truth? "Hennig XXII" *The Willi Hennig Society*. New York, New York.
- WOLFE, A.D., C.P. RANDLE, AND N. ARGUEDAS. 2003. Patterns of evolution in *Hyobanche* L. (Orobanchaceae). "Botany 2003" *Botanical Society of America*. Mobile Alabama.
- RANDLE, C.P. AND A.D. WOLFE. 2003. The evolution and expression of *rbcL* in holoparasitic sister genera, *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae): Expression of the large subunit of Rubisco despite the presence of pseudogenes. "Botany 2003" *Botanical Society of America*. Mobile, Alabama.
- RANDLE C.P. AND A.D. WOLFE. 2002. The evolution of *rbcL* in holoparasitic sister lineages *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae). "Botany 2002" *Botanical Society of America*. Madison, Wisconsin.
- WOLFE, A.D., C.P. RANDLE AND N. ARGUEDAS. 2002. Assessing species boundaries in *Hyobanche* L. (Orobanchaceae). "Botany 2002" *Botanical Society of America*. Madison, Wisconsin.
- RANDLE C.P. AND A.D. WOLFE. 2002. The evolution of photosynthetic genes in holoparasitic genera *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae). 28th

Annual Conference of the *South African Association of Botanists*. Grahamstown, South Africa.

**RANDLE, C.P., M.P. SIMMONS, J.V. FREUDENSTEIN, AND J.W. WENZEL.** 2001.

Limitations of relative apparent synapomorphy analysis (RASA) for measuring phylogenetic signal. "Evolution 2001". *The Society for the Study of Evolution, Society for Systematic Biologists, and American Society of Naturalists*. Knoxville, Tennessee.

**RANDLE C.P. AND A.D. WOLFE.** 2001. Molecular evolution of photosynthetic genes in holoparasites *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae). "Botany 2001" *Botanical Society of America*. Albuquerque, New Mexico.

**WOLFE, A.D., C.P. RANDLE, S.L. DATWYLER.** 2000. Phylogeography and character evolution of the genus *Penstemon*. ASPT session 3. Meetings of the Botanical Society of America. *American Journal of Botany* 85 (6, Supplement):168-169

**RANDLE C.P., A.D. WOLFE.** 2000. Biosystematics of *Harveya* Hook. (Orobanchaceae): preliminary studies. *American Journal of Botany* 85 (6, Supplement):179

**WOLFE, A.D., S.L. DATWYLER, C.P. RANDLE, R.J. REILAND.** 1999. Systematics of the North American Cheloneae. *Abstracts of the XVI International Botanical Congress* :439.

**RANDLE, C.P., A. McMULLEN, A.D. WOLFE.** 1998. Conservation Biology of *Penstemon debilis* (Scrophulariaceae): Implications of genetic diversity inferred from ISSR banding patterns. *American Journal of Botany* 85 (6, Supplement):168.

**WOLFE, A.D. AND C.P. RANDLE.** 1998. Assessing species relationships and genetic diversity within the South African holoparasitic genus *Hyobanche* (Scrophulariaceae). *American Journal of Botany* 85 (6, Supplement):122.

**FRIEDLANDER M.A., RANDLE C.P., WU Y.C., DEOREO P.B., MONNIER V.M.** 1997. The role of dialysis clearance in the accumulation of structurally defined AGEs on plasma proteins. *Journal of the American Society of Nephrology* (8, Supplement); A1008