

RESUME

Charles W. Winstead
Professor of Plant Sciences
Department of Agricultural Sciences
Louisiana Tech University
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PERSONAL DATA

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Social Security No.: 428-78-2288

Date of Birth: January 21, 1942

Marital Status: Married (Jon Anne)

Children: Three (Chuck, Scott, Craig)

EDUCATION

Mississippi State University, State College, Mississippi
1973, Ph.D., Agronomy Crops, Turfgrass Management
Minor in Weed Science

Mississippi State University, State College, Mississippi
1969, M.S., Agronomy Crops, Turfgrass Management
Minor in Horticulture

Mississippi State University, State College Mississippi
1967, B.S., Agronomy Crops, Turfgrass Management

Holmes Junior College, Goodman, Mississippi
1965, A.S., General Agriculture

PROFESSIONAL EXPERIENCE

September 1989 – Present

Professor of Agronomy, Louisiana Tech University.

1994-1997

Ruston Golf Club
Consulting Superintendent

February, 1989 – 1996

ASCS - Tensas & Caddo Parish
Crop Reporter - Crop Land Measurements.

Summers, 1986 – 1996

Consulting, Young & Young Consulting Service, Wisner,
LA. Agronomic consulting for crop & pest management –
Tensas Parish.

July 1982 – August 1989

Associate Professor of Agronomy, Louisiana Tech
University.

September 1978 – June 1982

Assistant Professor of Agronomy, Louisiana Tech
University.

August 1977 – August 1978

Horticulturist, Turf and Home Grounds, Alabama
Cooperative Extension Service, Auburn, Alabama
State specialist for turf (home, athletic, golf) and
ornamentals in home landscape.

July 1973 – July 1977

Professor and Head, Department of Agronomy,
Horticulture and Agriculture Business, Louisiana Tech
University.

- a. Budget preparation and administration
- b. Farm production and sales
- c. Capital improvements proposals
(Plant Sciences Complex – now Lomax Hall)
- d. Inventory responsibility
- e. Curriculum offerings
- f. Faculty and student recruitment

September 1970 – June 1973

National Science Foundation, Trainee, Mississippi State University Research and Graduate Teaching Assistant. Taught Turfgrass Management Lab. Research on shade tolerance in turfgrass.

March 1969 – August 1970, June 1968 – August 1968

Agronomist, Turfgrass Production and Planting, Mississippi Grass Nurseries, Hattiesburg, Mississippi – Produced turfgrasses (sod and sprigs) for retail market and planted golf courses, athletic fields and home lawns throughout the Southeast.

September 1968 – February 1969; September 1967 – May 1968

Research and Teaching Assistant, Mississippi State University – Taught turfgrass management lab during Masters work. Research dealt with use of herbicides on major turfgrasses.

OTHER EXPERIENCE

February 1963 – August 1963

Service Apprentice, National Cash Register Company, Jackson, Mississippi – Repaired cash registers, adding machines, and bookkeeping equipment.

July 1959 – January 1963

Electronics Technician 2nd Class/Qualified in Submarines, United States Navy (Electronics Technician School, San Francisco, CA.; Submarine School, New London, CN.) Major responsibility in maintaining radar and communication equipment.

CONSULTING (Selected)

Robert E. Shadoin, Attorney At Law, Ruston, LA.

Ruston Golf Club, Ruston, LA.

Eastridge Country Club, Shreveport, LA.

Wilkinson, Carmody and Gilliam, Attorneys and Counselors At Law, Shreveport, LA.

Spight Contractors, Inc., New Orleans, LA.

Brunson and Baker, Law Offices, Jonesboro, LA.

Andrew S. Shealy, Attorney At Law, Ruston, LA.

Panola Company, Newellton, LA.

Doublegate Country Club, Albany, GA.

HONORARY SOCIETY MEMBERSHIPS

Phi Kappa Phi
Alpha Zeta
Gamma Sigma Delta
Phi Theta Kappa

SOCIAL FRATERNITY

Farmhouse

AWARDS/RECOGNITION

Agriculture Endowed Professorship
National Science Foundation Trainee
GCSAA Scholarship
Outstanding Teacher Award (voted by Alpha Zeta)
LA Tech University

PROFESSIONAL MEMBERSHIPS

Louisiana Association of Agronomists
Louisiana Turfgrass Association

GRANTS, PRINCIPAL OR CO-INVESTIGATOR

Nursery Production Systems Evaluation, \$700.+ all materials 2003
Dolet Hills Mining Venture, \$7,000. – 1991
PABCO Corporation, \$2,434. – 1985
Phillips Coal Company, \$22,952. - 1982-83
Phillips Coal Company, \$15,078. - 1981-82
Minnesota Mining and Manufacturing Company, \$1,000. - 1981
Minnesota Mining and Manufacturing Company, \$1,000. - 1981
Freeport Sulfur, \$1,000. - 1981

RESEARCH

Nursery Production Systems Evaluation 2003 – Continued.
Bermudagrass Variety Trials (Forage) 1999 – Present.
Ryegrass Variety Trials (Forage) 1999 – Present.
Agronomy Demonstration Plots.
Evaluation of Sander Dust as a Nitrogen Source for Turfgrasses,
1987.
The Evaluation of waste Calcium Silicate as a Liming Material and
as a Source of Potentially Toxic Elements. 1985-1986.
Influence of Fertilization on Persistence and Yield of Brazzos

Bermudagrass. 1984-1986.
Characterization and Evaluation of Topsoil and Lignite
Overburden Strata as a Media for Plant Growth and
Production. Projects I and II. 1981-1983.
Use of Mefluidide (MBR 12325) to Enhance the Quality of Coastal
Bermudagrass. 1981-1982.
Persistence of MBR 18337 in the Soil When Used as a
Preemergence for Weed Control in Cotton. 1980-1981.
Environmental Impact Resulting From Unconfined Animal
Production. 1976.

PUBLICATIONS

- Shumach, R. and **C.W. Winstead**. 1979. Selecting and Planting
Turfgrasses in Alabama. Circular ANR-92, Alabama
Cooperative Extension Service.
- Gray, F.A. and **C.W. Winstead**. 1979. Controlling Turfgrass
Diseases in Alabama. Circular ANR-91, Alabama
Cooperative Extension Service.
- Shumach, R. and **C.W. Winstead**. 1979. Centipedegrass. Circular
ANR-73, Alabama Cooperative Extension Service.
- Winstead, C.W.** and T.B. Hagler. 1978. Landscaping Fruit and
Nut Plants. Timely Information.
- Winstead, C.W.** 1978. Bermudagrass for Lawns and Other
Turfgrass Areas. Circular ANR-29, Alabama Cooperative
Extension Service.
- Walker, R.H. and **C.W. Winstead**. 1978. Weed Control in
Turfgrass. Circular ANR-22. Alabama Cooperative Extension
Service.
- Winstead, C.W.** and C.Y. Ward. 1973. Physiological and
Morphological Changes in Southern Turfgrasses Due to
Shade. Proceedings. Association of Southern Agricultural
Workers, Inc.
- Ward, C.Y., R.H. Walker, R.C. Glenn, **C.W. Winstead** and E.L.
McWhirter. 1973. The Effects of Soils Amended With
Ground Rubber on the Growth of Cynodon Species.
Proceedings. Association of Southern Agricultural Workers,
Inc.

Winstead, C.W. and C.Y. Ward. 1973. Persistence of Southern Turfgrasses In A Shade Environment. Proceedings. Second International Turfgrass Research Conference. 221-230.

Winstead, C.W., R.H. Walker, S.E. Palmer, and R.H. Pluenncke. 1972. Electrophoretic Banding Patterns of Soybean Node Protein. Journal of Mississippi academy of Sciences. 18:54.

Winstead, C.W. and C.Y. Ward. 1969. The Phytotoxicity of Six Herbicides on Ten Southern Turfgrasses. Proceedings, Association of Southern Agricultural Workers, Inc. p. 87.

OTHER PUBLICATIONS

Dethatching Your Lawn. 2000. LA Gardener.

Turf Tips for Fall and Winter. 1998. LA Gardener.

Winstead, C.W. and G. Shaw. 1991. Vegetation of Mined Soils – Area D West. Project Report. Dolet Hills Mining Venture.

Steinhilber, P. and C.W. Winstead. “Evaluation of Waste Calcium Silicate As A Liming Material and As A Source of Potentially Toxic Elements.” Project Report. PABCO Cooperation. 1986.

“Forage Crops and Pasture Management.” Updated Study Guide for Vocational Agriculture Teaching, Louisiana Department of Education. 1985.

Winstead, C.W. and P. Steinhilber. “Characterization and Evaluation of Topsoil and Lignite Overburden Strata As A Media for Plant Growth and Production.” Project Reports I and II. Phillips Coal Company. 1982.

GARDENING TABLOID (released to newspapers in Alabama). Renovating the Old Homestead, Cold Damage, Bulbs for Beauty, Plan Before Planting. 1978.

Other articles by staff writers after Winstead include: Ferns, Turfgrass or Ground Cover, House Plants are Special, Container Gardening, Rock Gardens, Landscaping Tips, Pruning Shrubs, Planting Dahlias, Use Plants for Heating and Cooling, and Layering Shrubs. 1978.

PRESENTATIONS

- “Athletic Field Maintenance” Louisiana Recreation and Park Association annual conference. Feb. 2003.
- “Pasture Management.” District 6 Cattleman’s Association Field Day. 2000.
- “Practical Irrigation.” Turf Landscape Exposition and Seminar, Calhoun, Louisiana. 1998.
- “Louisiana Agriculture.” Kiwanis Club, Lions Club, Hillcrest Elementary School, Ruston, Louisiana. 1988.
- “Overburden and Topsoil Evaluations.” Phillips Coal Company Report. Dallas, Texas. 1983.
- “Factors Influencing Plant Growth.” Gardening Study Course II, Series I. Ruston, Louisiana. 1983.
- “Environmental Effects on Plants.” Gardening Study Course IV, Series I. Ruston, Louisiana. 1983.
- “Techniques for Collecting and Preserving Plant Materials for Instructional Purposes.” PIPS Workshop. Ruston, Louisiana. 1983.
- “Techniques for Growing Trees and Shrubs.” Gardening Study Course IV, Series I. Ruston, Louisiana. 1983.
- “Turfgrass Management.” PIPS Workshop. Ruston, Louisiana. 1982.
- “Pests, Diseases, Physiological Problems: Their Prevention and Control.” Gardening Study Course I, Series I. Ruston, Louisiana. 1982.
- “Agronomy at Louisiana Tech.” Vo-Ag Classes in Houghton, Choudrant, Downsville, Florien, Jena, and Weston, Louisiana. 1981.
- “Pasture Management.” PIPS Workshop. Ruston, Louisiana. 1981.
- “Forage Evaluations.” Life Sciences Research Forum. Ruston, Louisiana. 1979.

- “Comparison of Nitrogen Sources for Use In Turf.” Mississippi Turfgrass Association Meeting. Biloxi, Mississippi. 1978.
- “Turfgrass Maintenance.” Turfgrass Maintenance Workshops held in Birmingham, Mobile, Dothan and Auburn, Alabama. 1978.
- “Observations in Greenhouse Tomato Production.” Life Sciences Research Symposium.” Ruston, Louisiana. 1977.
- “Agriculture, Pesticides, and People.” Environmental Quality Symposium. Ruston, Louisiana. 1976.
- “Persistence of Southern Turfgrasses in A Shade Environment.” International Turfgrass Research Conference. Blacksburg, Virginia. 1973.
- “Physiological and Morphological Changes in Southern Turfgrasses Due to Shade.” Southern Agricultural Workers Meeting. Atlanta, Georgia. 1973.
- “Electrophoretic Banding Patterns of Soybean Node Protein.” Mississippi Academy of Sciences Meeting. Jackson, Mississippi. 1972.
- “The Phytotoxicity of Six Herbicides On Ten Southern Turfgrasses.” Southern Agricultural Workers Meeting. 1969.

PROFESSIONAL DEVELOPMENT

- Fall Academy on Excellence in Teaching and Learning. Fall 2003.
- Education 489A – Developing an Effective Classroom Learning Environment. Fall 2000.
- North Louisiana Turfgrass Meeting.
- Irrigation Design Workshop. Hot Springs, Arkansas
- Research Field Days, St. Joseph, Winnsboro, Red River, Homer.
- Chemical Company Seminars.
- Crop Science Society of America Meetings.
- American Society of Agronomy Meetings.
- Alabama and Southern Turfgrass Association Meeting.
- Cotton Forum, Monroe, Louisiana.
- Louisiana Association of Agronomists Meetings.
- Louisiana and Southern Turfgrass Association Meeting.
- Five States Forage Conference.
- LACTA Meeting.
- Host for Regional Conclave, 1983.
- Alpha Zeta Biennial Conclave, 1982, 1985
- Chaired Session on College Internships, 1982

COMMITTEE AND PROFESSIONAL SERVICE ACTIVITIES

Advisor, Louisiana Tech Agronomy Club.
Advisor, Louisiana Tech Gamma Chapter of Alpha Zeta.
Assisted in high school Literary Rallies.
Assisted in Areas I and II FFA Judging Contests.
Assisted in State FFA Judging Contests.
Coach, Agronomy Crops Judging Teams.
Louisiana Tech Behavioral Standards Committee. 1982 – 1989.
Faculty Senate, 1986, 1987, Executive Committee, 1986, 1987.
President, Secretary-Treasurer, Louisiana Collegiate Crops, Soils
And Speech. 1982-86
Assisted in 4-H Plant Science Contest and Pre-Short Course.
Graduate Faculty.
Served on Committee for Graduate Students.
Student Recruitment.
Chairman, Planting, Soil Testing and Land Use Committee.
Faculty Senate President Screening Committee.
Faculty Senate Calendar Review Committee.
Life Science Research Committee.
Faculty Search Committee (Departmental).
Life Sciences Forage Committee.
Life Sciences Building Planning Committee, Lomax Hall.
Turfgrass Consulting, Ruston Dixie Baseball Association,
Louisiana Tech University, Ruston City Parks and Recreation
Department, and Individuals.
Forage Consulting, Individuals. Continuous.
Coordinator, Agricultural Experiential Education.
Director, 6th Grade Sunday School.
Royal Ambassador Leader, Basketball Coach.
Church Training Teacher.
Director, Middle Adult III Sunday School Department.
Co-Chair Experiential Education Guidelines Committee.
ANS Tenure and Promotions Guideline Committee.
Undergraduate Program Council.
Faculty Advisory to Dean.
Curriculum Committee.
Farm Practices Coordinating Committee.
SACS Committee.
Scholarship Committee.
Tenure and Promotions Committee.
Grade Appeals Committee.
Boll Weevil Eradication Program.

COURSES TAUGHT

PLSC 101 – Crop Science
PLSC 211 – Forage Crops and Pasture Management
PLSC 215 – Soil Surveying & Drainage
PLSC 309 – Field Crops
PLSC 312 – Turfgrass Management
PLSC 409 – Plant Breeding (G)
PLSC 412 – Golf and Sports Turf Management
PLSC 421 – Weed Science (G)
PLSC 422 – Pest Management I (Pathology) (G)
PLSC 423 – Pest Management II (Entomology) (G)
Life Sciences 456 - Environmental Pollution
Life Sciences 101 – Life Sciences Orientation
Agronomy 315 – Soil Fertility and Fertilizers
ENVS 300 – Agricultural Pollution