

## Resume

**James W. Kimbrough**  
**Plant Pathology Department**  
**PO Box 110680**  
**University of Florida**  
**Gainesville, FL 32611**

**1. Date & Place of Birth:** Nov. 7, 1934, Eupora, MS.

**2. BRIEF DESCRIPTION OF JOB DUTIES:** To provide leadership in teaching, research and extension in Mycology. Teaching focuses on developing and maintaining a strong program of instruction at both the undergraduate and graduate levels. Research efforts concentrate on the biology and systematics of fungi with a strong emphasis on the use of ultrastructure in resolving taxonomic and phylogenetic relationships among the fungi. The major emphasis in extension mycology is providing identification services of county extension and research center personnel, and Florida growers and homeowners and providing resources and workshops on the growth of shiitake and other exotic mushrooms. Undergirding teaching, research, and extension is the maintenance of the Mycological Herbarium with more than 56,000 collections.

**3. AREAS OF SPECIALIZATION:** (a) The interrelationships of operculate cup-fungi (Discomycetes) with hypogeous Ascomycota (truffles) as revealed by electron microscope studies of ascosporeogenesis and septal structures, (b) the use of septal structures in determining relationships among the classes and orders of Basidiomycota, and (3) the ultrastructure of spore walls in the VA mycorrhizal fungi.

**4. ASSIGNED ACTIVITY SINCE LAST PROMOTION:**

1976—2003	2004-present
Teaching-----30%	50%
Research-----40%	10%
Extension-----30%	40%
TOTAL-----100%	

**5. EDUCATIONAL BACKGROUND:**

Cornell University	Mycology/Plant Pathology	PhD 1964
Mississippi State Univ.	Botany	MS 1960
Mississippi State Univ.	Science Education	BS 1957

**6. EMPLOYMENT:**

Mississippi State University, Assistant Bacteriologist, Animal Science Department, 1960-61 (non tenured).

Mississippi State University, Department of Botany, Instructor of Botany, 1961-1962. (non tenured)

University of Florida, Plant Pathology, Asst. Professor, 1964-1966 (tenure accruing.)

University of Florida, Department of Botany, Assistant Professor, 1966-70. (tenured)

University of Florida, Department of Botany, Curator of Fungi, Mycological Herbarium, 1966-present.

University of Florida, Department of Botany, Associate Professor, 1970-76.

Associate Chairman and Graduate Coordinator in Botany, 1974-1975, 1978-1980.

Acting Chairman, Dept. of Botany, Univ. of Florida, 1985 and 1986.

University of Florida, Department of Botany, Professor, 1976-1987.

Undergraduate Coordinator, Plant Pathology Dept. 2003-present.

University of Florida, Plant Pathology Department, Professor, 1987-present.

## **7. YEAR OF TENURE OR PERMANENT STATUS: 1970.**

## **8. TEACHING, ADVISING, AND TEACHING ACCOMPLISHMENTS:**

### **a. Curriculum Development:**

-1964: Revised PLP 5656, Introductory Mycology, increased from 3 to 4 credit hours.

-1965-66: Introduced 3 new graduate courses: PLP 6657, Biology and taxonomy of lower fungi; PLP 6658, Biology & taxonomy of Basidiomycetes; PLP 6659, Biology and taxonomy of Ascomycetes & their anamorphs.

-1980: Introduced and team taught (Dr. N.C. Schenck) PLP 6622, Biology, taxonomy, and ecology of Mycorrhizae.

-1982: Revised and team taught (Dr. D.G. Griffin) BOT 2011, Survey of the Plant Kingdom.

-1994: Introduced a new undergraduate course, PLP 2060, Molds, Mildews, Mushrooms, and Man.

-1996: Offered PLP 5656, Mycology, as undergraduate credit, PLP 3653, Introductory Mycology.

### **b. Preparation of Teaching Aids:**

-1964-present: A *Laboratory Guide to Mycology* (**revised every two years**), Plant Pathology Dept., Univ. Florida, 82 pp.

-1994: Wrote a text for PLP 2060, *Molds, Mildews, Mushrooms and Man*. Plant Pathology Dept. Univ. Florida, 73 pp. (revised annually).

-1964-present: Prepared approximately 4,000 kodachrome slides for the various Mycology courses listed above.

-1995-96: Developed a multimedia approach to teaching Introductory Mycology, Mycology, and Molds, Mildews, Mushrooms, and Man utilizing Elmo projection, CDs, the Internet, kodachrome slides, and videos.

-2002-2007: Upgraded CDs for PLP 2060, PLP 3635, and PLP 5656 by inserting new images and providing legends for each jpg.

-2000: Developed a Website: [www.angelfire.com/wizard/kimbrough](http://www.angelfire.com/wizard/kimbrough) which is a color-illustrated text on Molds, Mildews, Mushrooms, and Man.

**c. Graduate Coordinator:**

-Department of Botany, 1974-75; 1978-80.

**d. Undergraduate Coordinator:**

Plant Pathology Department, 2003-present.

**9. TEACHING EVALUATIONS: (1976-present)**

(Note\* between 1976 and 1993, student evaluation scores were High=1; Low=5; from 1994 to the present Low=1; High =5)

Course/Term	JWKs Mean	Dept. Mean	College Mean	Respondents
<b>PLP 2060</b>	<b>(High=5; Low=1)</b>			
FALL 1994 Instructor	4.55	4.58	4.25	7
Course	4.66	4.27	4.18	(elective)
FALL 1995 Instructor	4.78	4.39	4.23	13
Course	4.57	4.30	4.10	(elective)
FALL 1996 Instructor	4.86	4.43	4.30	27
Course	4.89	4.57	4.07	(elective)
SUM 1997 Instructor	4.69	4.62	4.42	42
Course	4.55	4.45	4.21	(elective)
FALL 1997 Instructor	4.60	4.46	4.30	72
Course	4.39	4.25	4.12	(elective)
SUM 1998 Instructor	4.84	4.83	4.49	57
Course	4.64	4.59	4.32	(elective)
FALL 1998 Instructor	4.40	4.50	4.34	108
Course	4.36	4.28	4.12	(elective)
FALL 1999 Instructor	4.28	4.30	non	162
Course	4.15	4.16	non	(elective)
SUM 2000 Instructor	4.60	4.55	4.42	212
Course	4.59	4.39	4.22	(elective)
FALL 2000 Instr.	4.4	4.55	4.30	283
Course	4.07	4.28	4.12	(elective)
FALL 2001 Instr.	4.46	4.52	4.39	292
Course	4.58	4.22	4.20	(elective)
SUM 2002 Instr.	4.50	4.59	4.47	286
Course	4.11	4.33	4.28	(elective)
FALL 2002 Instr.	4.22	4.22	4.26	282
Course	4.38	4.04	4.15	(elective)
SUM. 2003 Instr.	4.35	4.44	4.24	132
Course	4.50	4.32	4.25	(elective)

FALL 2003	Instr.	4.34	4.34	4.38	266
	Course	3.97	4.13	4.20	(elective)
SUM 2004	Instr.	4.67	4.59	4.50	84
	Course	4.39	4.28	4.20	(elective)
FALL 2004	Instr.	4.09	4.20	4.30	115
	Course	4.30	4.04	4.18	(elective)
SUM 2005	Inst.	4.74	4.10	4.54	74
	Course	4.54	4.10	4.34	(elective)
FALL 2005	Inst.	4.65	4.20	4.3	74
	(unavailable)				(elective)
SUM 2006	Inst.	4.51		4.38	41
	Course	4.58	4.20	4.36	(elective)
FALL 2006	Inst.	4.4	4.30	4.34	62
					(elective)
SUM 2007..	Inst.				94
					(elective)

### PLP 3653: Intro. Mycology

FALL 1996	Instructor	4.67	4.66	4.17	9
	Course	4.14	4.57	4.07	(required)
FALL 1998	(evaluations a part of PLP 5656)				7
					(required)
FALL 2000	Instructor	4.5	4.55	4.3	8
	Course	3.7	4.2	4.12	(required)
FALL 2002	Instructor	5.00	4.22	4.26	4
	Course	5.00	4.04	4.15	(required)
FALL 2004	Instructor	5.00	4.20	4.30	4
	Course	5.00	4.04	4.18	(required)
FALL 2006—	Inst.	4.20	4.51	4.25	5
		5.00	4.60	4.45	(required_

### PLP 5656: Mycology

(=BOT 5465) (\*College data not available prior to 1988)

FALL 1976	Instructor	1.67	1.65	**	9
	Course	2.17	2.10	**	(required)
FALL 1977	Instructor	1.09	1.91	**	11
	Course	1.89	2.28	**	(required)
FALL 1978	Instructor	1.12	1.89	**	9
	Course	1.48	2.10	**	(required)
SPR 1980	Instructor	1.69	1.86	**	9
	Course	2.17	2.05	**	(required)
SPR 1981	Instructor	1.51	1.65	**	13
	Course	1.57	1.86	**	(required)
FALL 1982	Instructor	1.18	1.52	**	15
	Course	1.40	1.55	**	(required)
FALL 1983	Instructor	1.03	1.43	**	9
	Course	1.40	1.73	**	(required)
FALL 1984	Instructor	1.25	1.44	**	6
	Course	1.37	1.74	**	(required)
FALL 1985	Instructor	1.00	1.56	**	7
	Course	1.27	1.93	**	(required)
FALL 1986	Instructor	1.25	1.69	**	6

	Course	1.37	1.85	**	(required)
FALL 1987	Instructor	1.03	1.39	1.67	9
	Course	1.11	1.48	1.76	(required)
FALL 1988	Instructor	1.12	1.76	1.59	16
	Course	1.25	1.85	1.68	(required)
FALL 1989	Instructor	1.05	1.80	1.61	11
	Course	1.20	1.65	1.68	(required)
FALL 1990	Instructor	1.88	1.56	1.62	22
	Course	2.03	1.65	1.69	(required)
FALL 1992	Instructor	1.50	1.41	1.62	16
	Course	1.46	1.53	1.71	(required)

**(1994> High=5; Low=1)**

FALL 1994	Instructor	4.64	4.64	4.30	16
	Course	4.50	4.27	4.35	(required)
FALL 1996	Instructor	4.69	4.66	4.22	13
	Course	4.54	4.57	4.07	(required)
FALL 1998	Instructor	4.34	4.55	4.24	11
	Course	4.43	4.28	4.12	(required)
FALL 2000	Instructor	4.34	4.5	4.3	9
	Course	4.0	4.2	4.1	(required)
FALL 2002	Inst.	5.00	4.32	4.26	6
	Course	4.83	4.04	4.15	(required)
FALL 12	2004 Instructor			4.83	4.20
	Course	4.42	4.04	4.18	(required)
FALL 2006	Inst.	4.00	4.51	4.25	5
					(required)

**PLP 6659 (=BOT 6467) (High=1; Low=5)**

SPR 1980	Instructor	1.00	1.65	**	3
	Course	1.28	1.86	**	(required)
SPR 1982	Instructor	1.29	1.52	**	6
	Course	1.70	2.10	**	(required)
SPR 1988	Instructor	1.06	1.31	1.64	4
	Course	1.07	1.40	1.73	(required)
SPR 1990	Instructor	1.17	1.51	1.64	6
	Course	1.28	1.56	1.69	(required)

**(High=5; Low=1)**

SUM 1996	Instructor	4.76	4.38	4.28	5
	Course	4.80	4.11	4.10	(required)

**PLP 6657 (=BOT 6346) (High=1; Low=5)**

WINT 1978	Instructor	1.17	1.89	**	6
	Course	1.28	2.10	**	(required)
FALL 1980	Instructor	1.00	1.65	**	3
	Course	1.15	1.86	**	(required)

**PLP 6658 (BOT 6446) (High=1; Low=5)**

SUM 1988	Instructor	1.20	1.31	1.56	12
	Course	1.33	1.33	1.63	(required)

<b>PLP 6921</b>						
		<b>(High=5; Low=1)</b>				
SPR 1996	Instructor	4.44	4.32	4.21	18	
	Course	4.11	4.11	4.10	(required)	
<b>PLP 6622</b>						
		<b>(High=1; Low=5)</b>				
FALL 1980	Instructor	1.55	1.65	**	13	
	Course	2.00	1.86	**	(required)	
FALL 1986	Instructor	1.00	1.56	**	6	
	Course	1.31	1.93	**	(required)	

**10. GRADUATE FACULTY:** Yes

**11. GRADUATE COMMITTEE ACTIVITY:**

### MASTER OF SCIENCE

#### Chaired Committee:

Quiroz, S. (Plant Path.1965)	Gibson, J. (1980)
Morales, M. (Botany 1971)	Edmonton, M. (1980)
Milam, J.R. (Botany 1971)	Carleton, Linda (Botany 1985)
Kish, L.P. (Botany 1971)	Moon, Pam (Plant Path, 1991)
Bezzera, J. (Botany 1974)	Akers, B. (Plant Path 1992)
Can, N. H. (Botany 1974)	Angels, Sherri (Plant Path 1999)
Samuelson, D. (Botany 1975)	Bishop, Amanda (Plant Path 2000)
Smith, J. (Botany 1976)	Purcell, Dusty (2005 PLP)
Cockburn, Margaret (Botany 1978)	
Brunk, D. (Plant Path 1979)	

#### Committee Member:

##### a. Home Department

Barkdole, A. (1987)	Ofori, F. (1971)
Calle, H. (1978)	Saladini, J. (1969)
Cheng, Y.H. (1977)	Schulman, J. (1969)
Olexa, M. (1973)	Southern, J. (1974)

##### b. Non-home Department

Akers, B. (1990)	Jacobs, Lee. (1992)
Abdulkadir, H. (1976)	Johnson, S. (1967)
Brown, H. (1972)	Koojman, S. (1980)
Brown, J. (1979)	North, B. (1986)
Cathcart, E. (1974)	Rayachhetry, M. (1988)
Chen, H. (1971)	Romick, T. (1987)
Dougherty, W. (1975)	Robinson, M. (1969)
Easley, C. (1979)	Smith, T. (1980)
Faria, N. (1973)	Hill, T. (1974)
Wyatt, K. (1993)	Zomlefer, W. (1980)
Cheatwood, J (2000)	Jacobs, Larry. (2000)

### PHD COMMITTEES

**Committees Chaired:**

Conway, K.E. (Botany, 1973)	Wang, Y.Z. (Botany, 1991)
Khan, S.R. (Botany, 1973)	Maia, L.C. (Plant Path. 1991)
Tu, C.C. (Plant Path., 1974)	Momol, E. (Plant Path, 1992)
Stark, Henry J. (Botany, 1974)	Li, Li-Tzu (Plant Path, 1994)
Bezerra, J. (Plant Path., 1976)	Harveson, B. (Plant Path. 1999)
Samuelson, D. (Botany, 1977)	Gillett, Jennifer (Plant Path, 2003)
McWhorter, G. (Plant Path., 1978)	Purcell, Dustin (Plant Path.. present)
Gibson, J. (Botany, 1985)	Clark, Sarah (Plant Path., present)
Bartoloma H. (Plant Path., 1991)	Elmore, Whitney (Plant Path., PLP, 2006)
Wu, C.G. (Plant Path, 1991)	

### Committee Member:

#### a. PhD, Home Department

Archer, M.C. (1965)	Miller, M. (1971)	Lin, C. (1974)
Agostini, J. (1992)	Olexa, M. (1976)	Leite, R. (1992)
Chapola, G. (1983)	Rintz, R. (1972)	Linyanage, H. (1992)
Delgado, J. (1974)	Roskopf, E. (1995)	Widmer, T. (1996)
Deneve, R. (1969)	Sauve, R. (1978)	Young, T. (1974)
Divinagracia, G. (1966)	Spielman, R. (1966)	Zambolin, L. (1980)
Forcelini, C. (1998)	Seebold, K. (1997)	Yandoc, Camilla (2000)
Lopes, D. (1999)	Tessman, D. (1999)	Eakin, David (1972)
Mailhot, D. (2005)		

#### b. PhD, Non-Home Departments

Andersen, J. (1987)	Kron, K. (1987)
Banks, A. (1976)	Malloch, D. (Canada, 1970)
Chang, Y. (1992)	Matthews, P. (1976)
Chen, S. (1994)	Michalski, C. (1969)
Del a Cruz, R. (1973)	Morrow, B. (1994)
Eakin, D. (1972)	Moser, B. (1994)
Esser, R. (1966)	Pereira, R. (1991)
Etemudi, A. (1992)	Pendland, J. (1974)
Franca, J. (1989)	Quintela, E. (1997)
Gettman, A. (1987)	Raub, T. (1984)
Gouger, R. (1971)	Rayachhetry, M. (1994)
Gulledge, S. (2000)	Siqueira, J. (1983)
Henning, A. (1990)	Skelley, P. (1993)
Hill, H. (1984)	Smith, R. (1968)
Hung, S. (1991)	Storey, G. (1988)
Hunt, D. (1977)	Tan, N. (1971)
Johnson, E. (1977)	Zeng, Y. (present)
Khare, K. (India, 1971)	Zomlefer, W. (1988)
Lusk, Dee (1986)	Ipsilantis, I (2002)
Stewart, Scott (2005)	Townsend, Heather (2007)
Dudding, Christine 2006--)	

### POSTDOCTORAL SUPERVISION

Dr. Meredith Blackwell, Dept. of Botany, LSU, Baton Rouge (1982-83)  
 Dr. Kenneth J. Curry, Biol. Dept., Miss. Southern Univ., Hattisburg (1980-82)  
 Dr. Jack Gibson, Dept. Biol. Sci., Stetson Univ., Deland, FL. (1985-86)  
 Dr. Richard Baird, Mississippi State University, Starkville. (1988-89)  
 Dr. Li-Tzu Li, Plant Pathology Dept., Univ. Florida (1994-96)

**12. CREATIVE WORK:**

Audio-Visuals: For the past 30 years I have assembled more than 4,000 kodachrome slides for the various Mycology courses taught in both the Botany Department and the Department of Plant Pathology. I have 6 video tapes on specific subjects in Mycology and will be developing others. All of the visuals used in PLP 2060, Molds, Mildews, Mushrooms, and Man, have been scanned onto CDs for digital projection.

**13. PATENTS AND COPYRIGHTS:** None**14. PUBLICATIONS: (\*=Graduate student; \*\*=Postdoctoral)****a. Books, Sole Author: (3)**

Kimbrough, J.W. 2000. A laboratory guide to Mycology, Plant Pathology Dept., Univ. of Florida, 82 pp.

Kimbrough, J.W. 2000. Common Florida Mushrooms, Univ. of Florida Coop. Extension Service, Gainesville, FL, 342 pp.

Kimbrough, J.W. 2002. Molds, mildews, mushrooms, and man. Plant Pathology Dept. Univ. of Florida. Pub. by the Author. pp. 53.

\_\_\_\_\_. 2004, 2006, 2007. Molds, Mildews, Mushrooms, and Man. Published by author. 53 pp.

**b. Books, Co-authored: (3)**

Welburg, C., S. Alfeiri, K. Langdon, and J. W. Kimbrough. 1975. A host index of plant diseases of Florida. Bull. Div. of Plant Industries 11:1-285.

Alfieri, S. A., K. R. Langdon, C. Wehlberg, and J. W. Kimbrough. 1984. Index of Plant Diseases of Florida. Bull. Div. Pl. Indust. Gainesville, Fl. 389 pp.

Alfieri, S. A., K. R. Langdon, J. W. Kimbrough, and N. El-ghol. 1994. Diseases and disorders of Plants in Florida, Div. of Pl. Indust. Pub. Gainesville, Fl. 1114 pp.

**c. Books, Edited: (1)**

Kimbrough, J.W. 1973. Keys to the fleshy basidiomycetes of Florida by W.A. Murrill. Botany Department, University of Florida. 199 pp.

**Kim d. Books, Contributors of Chapters: (7)**

Kimbrough, J. W. 1967. Discomycetes, in Yosio Kobaysi, et al. Mycological studies of the Alaskan Arctic, 49-51 pp., Annual Rept. Inst. Fermentation, Osaka. No. 3.

Kimbrough, J. W. 1974. Ecological Sites, dung fungi, in R. B. Stevens, Mycology Guidebook, Univ. Washington Press. Seattle, 400-413 pp.

Kimbrough, J. W. 1980. Ascomycete systematics. The ascocarp, the discomycete centrum: D.R. Reynolds (ed), Springer-Verlag, N.Y.

Kimbrough, J. W. 1982. The Discomycetes. In an Encyclopedia of Taxonomy and Classification of Living Organisms. McGraw-Hill Book Company, N.Y. 231-242 pp.

Kimbrough, J. W. 1984. The Natural History of Ascomycetes. In: Fungus Insect Relationships, Columbia University Press. N. Y. 184-210 pp.

Kimbrough, J. W. 1994. Septal ultrastructure and Ascomycete systematics. In: Hawksworth, D., First International Workshop on Ascomycete Systematics. Plenum Press, Surrey, UK.

Pfister, D. and J. W. Kimbrough (2001). Discomycetes, In: *The Mycota VII*, Systematics and Cell Structure. D.J. McLaughlin (ed), Springer-Verlag.

**e. Books, reviewed: (11)**

- Kimbrough, J.W. 1968. A world-monograph of the genera *Ascobolus* and *Saccobolus* by J. van Brummelen. *Mycologia* 55:1247-1249.
- Kimbrough, J.W. 1971. Evolution of Higher Basidiomycetes by R. Petersen. *Plant Sci. Bull.* 17:41-43.
- Kimbrough, J.W. 1974. Mushrooms of North America by Orson Miller. *Plant Sci. Bull.* 19:60-61.
- Kimbrough, J.W. 1979. The Powdery Mildews by D.M. Spenser. *Mycologia* 71: 883-885.
- Kimbrough, J.W. 1980. Insect-Fungus Symbiosis by L. R. Batra. *Fla. Entomol.* 63:67.
- Kimbrough, J.W. 1981. Introductory Mycology by C.J. Alexopoulos and C. Mims. *Mycologia* 73:581-582.
- Kimbrough, J.W. 1982. A monograph of *Corcicereae* (Ascomycetes) by S. Carpenter. *Mem. N.Y. Botan. Garden* 33:290.
- Kimbrough, J.W. 1983. Introduction to the Fungi by John Webster. *Mycologia* 75: 183-184.
- Kimbrough, J.W. 1987. The Fifth Kingdom by Bryce Kendrick. *Mycologia* 79:807.
- Kimbrough, J.W. 1989. The Trichomycetes by R. W. Lichtwardt. *Mycologia* 81:941.
- Kimbrough, J.W. 1991. A World Monograph of *Monilia* (Fungi) by L. R. Batra. *Mycologia* 84:268.
- Kimbrough, J.W. 2006. *Fungi of the Ancient World* by J.M. Dugan, Wash. State Univ. Press. *Mycologia* 98: xx-xx.

**f. Monographs: (1)**

- \*Yang, Y. Z. and J.W. Kimbrough. 1992. Monographic studies of North American species of *Octospora* previously ascribed to *Lamprospora* (Pezizales). *Nat. Mus. Nat. Sci. Spec. Pub.* 4 (Taiwan), 68 pp.

**g. Abstracts: (65)**

- Kimbrough, J. W. 1969. *Antennopsis gallica* Heim and Buchli (Hyphomycetes: Gloeohaustoriales), an entomogenous fungus on subterranean termites in Florida. *ASB Bull.* 16:56-57.
- Kimbrough, J. W. and J. R. Milam. 1972. Cytological development of *Iodophanus granulipolaris* (Pezizaceae, Ascomycetes). *ASB Bull.* 19:85.
- \*Stark, H. J., J. W. Kimbrough and J. Preston. 1973. Characterization of Amanitins in Florida *Amanitas*. *ASB Bull.* 20:84.
- \*Khan, Saeed R. and J. W. Kimbrough. 1974. Conidiogenesis in *Termitaria snyderi* Thaxt. *ASB Bull.* 20:63-64.
- \*\*Blackwell, M. M. and J. W. Kimbrough. 1975. Fungi associated with subterranean termites in Florida. *ASB Bull.* 22:42.
- \*Samuelson, D. A. and J. W. Kimbrough. 1977. Apical apparatus in asci of selective representatives of Operculate Discomycetes. In Bigelow and Simmons, Second Int. Mycol. Congress, Hamilton Newel, Inc., Amherst, Ma.
- \*Tu, C. C. and J. W. Kimbrough. 1977. Systematics and phylogeny of the fungi in the *Rhizoctonia* complex. In Bigelow and Simmons, Second Inter. Mycol. Congress, 680 pp. Hamilton Newel, Inc., Amherst, Ma.
- Kimbrough, J. W. and D. A. Samuelson. 1977. Morphology of the apical apparatus in asci of *Thelebolus*. In Bigelow and Simmons, Second Inter. Mycol. Congress, 347 pp. Hamilton Newel, Inc. Amherst, Ma.
- Kimbrough, J. W. 1977. The discomycete centrum. In Bigelow and Simmons, Second Int. Mycol. Congress, 346 pp. Hamilton Newel, Inc., Amherst, Ma.

- Kimbrough, J. W. 1977. Contemporary problems in ascomycete systematics II. The ascocarp. In Bigelow and Simmons, Second Inter. Mycol. Congress, viii pp. Hamilton Newell, Inc., Amherst, Ma.
- \*McWhorter, Grace A. and J. W. Kimbrough. 1978. Ontogeny of asexual spores in the Choanephoraceae. MSA Newsletter 29:54.
- Benny, G. K., D. A. Samuelson, and J. W. Kimbrough. 1979. Light and electron microscopic studies of ascocarp and wall ontogeny of an undescribed species of *Chaetomidium* with a cephalothecoid peridium. MSA Newsletter 30:18.
- \*\*Khan, S. R. and J. W. Kimbrough. 1979. Septal ultrastructure in the Tremellaceae. MSA Newsletter 30:25.
- Kimbrough, J. W. 1979. New species of *Termitaria* (Termitariales, Deuteromycetes) from Australian termites. MSA Newsletter 30:26.
- Kimbrough, J. W. 1980. Cytology, ultrastructure, and taxonomy of *Thelebolus* (Ascomycetes). MSA Newsletter 31:11.
- Benny, G. L., D. A. Samuelson, and J. W. Kimbrough. 1980. Revisionary studies on the Coryneliales. MSA Newsletter 31:45.
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**k. Miscellaneous:**

Webb, R.S., J. W. Kimbrough, and C. Olson. 1988. Growing shiitake mushrooms in Florida. *IFAS Coop. Ext. Ser. Bull.* 255, 13 pp.

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**15. LECTURES, SPEECHES OR POSTERS PRESENTED AT PROFESSIONAL CONFERENCES/MEETINGS:**

**International Conferences/Meetings**

**a. Invited Lectures**

Kimbrough, J.W. 1971. Ascocarp ontogeny and a natural classification of the Thelebolaceae. 1<sup>st</sup> Int. Mycology Congress, Exeter, England.

Kimbrough, J.W. 1971. Ascus structure and the classification of Discomycetes. 1st.Int.Mycology Congress, Exeter, England.

Kimbrough, J.W. 1977. The operculate ascus and its allies. 2nd Int. Mycology Congress, Tampa, FL.

Kimbrough, J. W. 1977. The Discomycete centrum. 2nd Int. Mycology Congress, Tampa, FL.

Kimbrough, J. W. 1987. Symposium on Teaching Mycology in the 90's. MSA/CPA, Ottawa, Canada.

Kimbrough, J. W. 1987. Symposium on Fungal Septa, **organizer**, MSA/CPA, Ottawa, Canada.

Kimbrough, J. W. 1990. Septal structures and the systematics of operculate Discomycetes. 4<sup>th</sup> Int. Mycology Congress, Regensburg, Germany.

Kimbrough, J.W. 1990. Ultrastructure of spore ontogeny in the Pezizales. 4th Int. Mycology Congress, Regensburg, Germany.

Kimbrough, J.W. 1993. Septal ultrastructure and the systematics of Ascomycetes. 1st Int. Workshop on Ascomycete Systematics, Paris, France.

**b. Invited International Seminars:**

Kimbrough, J. W. 1988. Septal structures and a natural classification of Basidiomycetes. Nat. Chung-Hsing Univ., Taichung, Taiwan. ROC.

Kimbrough, J.W. 1988. Termite inhabiting fungi and their potential for biocontrol. Taiwan Agr. Res. Inst., Taichung, Taiwan, ROC.

Kimbrough, J.W. 1988. Phylogenetic relationships of epigeous Discomycetes and truffles. National Taiwan Univ., Taipei, Taiwan, ROC.

Kimbrough, J.W. 1993. Poisonous, edible, and hallucinogenic mushrooms. Akdeniz Univ., Antalya, Turkey.

Kimbrough, J. W. 1993. Cultivation of shiitake and other exotic mushrooms. Akdeniz Univ., Antalya, Turkey.

Kimbrough, J.W. 1993. Poisonous, edible, and hallucinogenic mushrooms Aegean Univ., Izmir, Turkey.

Kimbrough, J.W. 1995. Phylogenetic relationships of hypogeous cup-fungi (Discomycetes) and hypogeous Ascomycetes (truffles). Dept. Micol., Univ. Fed. de Pernambuco, Recife, Brazil.

Kimbrough, J.W. 1995. A survey of the Kingdom Fungi, Dept. Biol. Ciencias, Univ. Fed. De

- Pernambuco, Recife, Brazil.  
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### **National, Regional, and State Presentations**

#### **a. Abstracted papers: (see Abstracts: 14-g, p. 10).**

#### **b. Non-abstracted seminars:**

- Kimbrough, J.W. 1969. Allergies and Childhood Infection, Symposium, JHMHC, Univ. of Florida, Gainesville, FL.  
 Kimbrough, J. W. 1974. Micro-Foray Workshop on the Fungi Imperfecti, Univ. of N. Arizona, Flagstaff, AZ.  
 Kimbrough, J.W. 1975. Discomycetes in the lab., Ascomycete Workshop, Univ. of Oregon, Eugene, Oregon.  
 Kimbrough, 1980. Edible, poisonous, and hallucinogenic mushrooms. Gainesville Garden Club, Gainesville, FL  
 Kimbrough, J.W. 1981. Toxic and hallucinogenic mushrooms. Alachua General Hospital Family Practice. Gainesville, FL.  
 Kimbrough, J.W. 1981. Basidial structures and the classification of Teliomycetes, Plant pathology Dept., Cornell Univ., Ithaca, NY.  
 Kimbrough, J.W. 1981. Fungus-Insect Relationships: Ascomycetes. Eastern Div., Entom. Soc. America, Syracuse, N. Y.  
 Kimbrough, J.W. 1982. Poisonous and edible mushrooms. Flagler Co., Native Plants Workshop, Bunnell, FL.  
 Kimbrough, J.W. 1984. The impact of fungal ultrastructure on fungal systematics, Dept. of Biol. Sciences, Univ. Maryland, College Pk., MD.  
 Kimbrough, J. W. 1985. Medical aspects of mushrooms. Dept. Of Pediatrics, Univ. Florida, Gainesville, FL.  
 Kimbrough, J.W. 1985. Poisonous, edible, and hallucinogenic mushrooms. Frontiers of Science, Univ. of Florida, Gainesville, FL.  
 Kimbrough, J.W. 1985. The aftermath of Mt. St. Helens: The Fungi. Botany Dept., Univ. of Florida, Gainesville, FL.  
 Kimbrough, J.W. 1987. Mold and Mildews in the Home, Florida Exten. Ser. Training, Univ. Florida, Gainesville, FL.  
 Kimbrough, J.W. 1988. Outdoor shiitake mushroom production in Florida. IFAS Coop Ext. Serv. Workshop, Perry, FL.  
 Kimbrough, J.W. 1988. The mold, mildew, moisture problem. Fl. Motel/Hotel Assoc. Workshops (Governor=s Energy Office): 5-10-88: Hilton Inn, Orlando, FL., 5-11-88: Ramada Inn, Sarasota, FL., 5-19-88: Treasure Island Inn, Daytona Beach, FL., 6-14-88: PGA Sheraton, Palm Beach Gardens, FL., 6-15-88: Best Western Motel, Ft. Meyers, FL. 9-08-88: Naples Beach Hotel, Naples, FL., 9-13-88: Sheraton Miracle Mile Inn, Panama City, FL., 9-22-88: St. Petersburg Hilton, St. Petersburg, FL., 9-27-88: Ponce DeLeon Conv. Ctr., St. Augustine, FL.  
 Kimbrough, J.W. 1988. Unique termite-inhabiting fungi and their potential for biological control.  
 Botany Dept., Univ. Kansas, Lawrence, KS.  
 Kimbrough, J.W. 1988. Unique termite-inhabiting fungi and their potential for biological control.  
 Plant Pathology Dept., Kansas State Univ., Manhattan, KS.  
 Kimbrough, J.W. 1990. Mold/mildew prevention in Hotels and Motels. N.A. Hotel/Motel Assoc., New Orleans, LA.  
 Kimbrough, J.W. 1993. The cultivation of shiitake and other exotic mushrooms in Taiwan. Nat.

- Shiitake Workshop, Alabama A&M Univ., Huntsville, AL.
- Kimbrough, J.W. 1993. Pest management in the cultivation of shiitake mushrooms. Shiitake workshop, IFAS, CES, Perry, FL.
- Kimbrough, J.W. 1999. Fleshy Ascomycetes of the Southern US., Texas Mycological Assoc., Huntsville, TX
- Kimbrough, J.W. 1999. The impact of ultrastructural studies on the systematics of cup-fungi /truffles (Discomycetes). Archbold Biological Station. Oct. 21, 1999.
- Kimbrough, J.W. 2000. Common Florida Mushrooms. Plant Pathology Dept., Univ. of Florida, Gainesville, FL.
- Kimbrough, J.W. 2000. The twilight years of W.A. Murrill. North American Mycological Assoc., Hilton Conf. Ctr., Beaumont, TX.
- Kimbrough, J.W. 2006. Techniques for isolating and identifying plant pathogenic fungi. Multi-State workshop. NFREC, Quincy, FL.

## 16. CONTRACTS AND GRANTS FUNDED SINCE THE LAST PROMOTION:

### a. Grants funded:

- a. Fungi as Biocontrol Agents of Subterranean Termites. STAR (76-035), Florida Board of Reagents, \$6,000, 1976. (PI)
- b. Phylogeny of the Pezizales, National Science Foundation, \$92,000, 1981-1984. (PI)
- c. Phylogeny of the Pezizales, National Science Foundation, \$140,086, 1985-1988. (PI)
- d. Phylogenetic relationships of Pezizales (cup-fungi) and Tuberales (truffles), National Science Foundation, \$107,000, 1989-1990. (PI)
- e. Edible Shiitake mushroom cultivation as an agricultural alternative for small farm systems, CCAP, \$35,000, 1989-1993. (CoPI).
- f. Study of clinical course of mold allergy and its clinical complication in children. NSA Polymers Inc., \$76,380, 1993-1994. (CoPI)

### b. Grants submitted but unfunded:

- a. Phylogenetic relationships of cup-fungi (Pezizales) and truffles (Tuberales), National Science Foundation, \$249,000, 1991-1993. (PI)

### c. Grants Pending:

- a. Phylogeny of the known polyphyletic genera of the Mucorales (*Absidia*, *Backusella*, *Mucor*, *Rhizomucor*, *Rhizopus*) NSF, \$437,400, 2003-2006. G.L. Benny, J. W. Kimbrough, and J. A. Rollins. (pending). (2003-2006)

### d. Contracts funded:

- . Univ. Florida/Pfiser Inc., Culture collection contract. \$140,000, 1992-1994 (PI).
- . Univ. Florida/NSA Polymers Inc., \$16,000, 1994. (PI)

## 17. UNIVERSITY GOVERNANCE AND SERVICE:

### A. University Committees:

- a. Graduate Council Fellowship Committee, 1974-76.

- b. President=s Committee of Biological Consultants, 1977-1978.
- c. Organizing Committee, 7th N. American Conf. On Mycorrhiza. 1987.
- d. University Senate, 1980-82; 1990-92.
- e. Committee to Evaluate Univ. Grant Requests, 1998-present.

**B. College Committees:**

- a. Constitution & ByLaws Committee, CLAS, 1971-1972.
- b. Executive Committee, CLAS, 1972-1973.
- c. Faculty Evaluation Committee, CLAS, 1973-1974.
- d. Scientific Advisory Council, IFAS, 1978-1981.
- e. Nominating Committee, CLAS, 1981-1984.
- f. Mycorrhizal Committee, IFAS, 1979-1980.
- g. Undergrad. Enrollment Task Force, CALS 2002-2003.

**C. Departmental Committees:**

- a. Graduate Student Affairs Committee, Botany, 1973-75; 1978-79.
- b. Seminar Committee, Botany, 1973-1976; Plant Pathology, Spr. 2004..
- c. Courses and Curriculum Committee, Botany, 1975-1979; 1980-1988.
- d. Space Committee, Botany, 1973-1975; 1984-1986.
- e. Search Committee for Tropical Botanist, Botany, 1977-1978; Botany Dept. Chairman, 1982; Plant Pathology Chairman, 1999.
- f. Transportation Committee, Botany, 1985-1987.
- g. Extramural Funding Committee, Plant Pathology, 1989-1990.
- h. Editorial Committee, Plant Pathology, 1991-1992.
- i. Awards Committee, Plant Pathology, 1990-1991; 1994-1995, 1999-2001, 2005-2007.
- j. USPS Advisory Committee (chair), Plant Pathology, 1993-1994.
- k. Internal Operations Committee (chair), Plant Pathology, 1994-1995.
- l. Teaching Committee, Plant Pathology, 1996-97, 1997-98, 1998-99.
- m. Curriculum Committee, Plant Pathology Dept. 2003-present.
- n. Undergraduate Coordinator: Plant Pathology, 2003-present.

## 18. CONSULTING OUTSIDE THE UNIVERSITY:

A. **Brunswick Corp.**, Deland Florida, Fungal deterioration of fabrics, 1984.

B., Mycological Consultant on Fungi that Impact Indoor Air Pollution, **Koogler and Associates, Environmental Consulting Technologies, Water & Air Research**, and **Matrix Inc.**, Gainesville, FL (1986-present). **PureAir Research, Inc.**, Clearwater, FL (2002-present).

Monitor Corp., Tampa, FL., Oct. 1987; Saxon & Co., Gainesville, FL. Oct. 1987; Residence Inn., Kissimmee, FL. March 1988; Alachua Co. Courthouse, Gainesville, FL, July 1988; Caribbean Beach Resort/Disney World, Sept. 1988; Hidden Oaks Elementary School, Gainesville, FL., Oct. 1988; Moisture Systems Inc., Houston, TX., Jan. 1989; Alachua Co. Health Dept., Gainesville, FL., April 1989; EconoLodge, N. Palm Beach, FL., Aug. 1989; Dixon, Nicklaus, and Valle, Miami, FL., Sept. 1989; Florida Light & Power, Gainesville, FL., Jan. 1990; Findley Elem. School, Gainesville, FL., May 1990; Buchholz High School, Gainesville, FL., Oct. 1990; Alachua Co. Environ. Protection Agency, Gainesville, FL., July 1990; Florida National Bank, Gainesville, FL., Jan. 1991; Holiday Inn, Orlando, FL., May 1991; Evergreen Conference Center, Atlanta, GA., July 1991; The Douglas Co., Orlando, FL., Oct. 1991; North Marion Middle School, Ocala, FL., Jan. 1992; Health Services Inc., Gainesville, FL., July 1992; North Marion Middle School, Ocala, FL., Sept. 1992; Alachua County Jail, Gainesville, FL., March 1992; Hidden Oaks Elem. School, Gainesville, FL., May 1993; J. Anguis Bldg., Melrose, FL., Jan. 1994; Alachua County Sheriff's Office, Gainesville, June 1994; Hospital, Lake

City,

Dec. 1994; Science Bldg., Univ. FL. Oct. 1994; Vet. College, Univ. FL., Dec. 1994; Univ. FL. Business offices, Oct. 1995; Univ. FL. Exp. Station, Oct., 1995; Dept. Transportation Oct. 1995; Hospital, Palatka, FL, Nov. 1995; High School, Gainesville, FL, Nov. 1995; High School, Newberry, FL, Nov. 1995; Elem. School, Gainesville, FL, Dec. 1995; Middle School, Gainesville, Dec. 1995; Elem. School, Gainesville, FL, Dec. 1995; Univ. FL. Vet. College, Jan. 1996; Univ. FL. Exp. Station, Jan. 1996; Univ. FL. Nuclear Sci. Bldg., Jan 1996; Exp. Station Bldg., L. Alfred, FL, April 1996; Med. Sci. Bldg., Univ. FL., May 1996; Univ. FL Engineering Bldg., May 1996; Univ. FL Med. Ctr., June 1996; Exp. Station, Bradenton, FL, June 1996; Univ. FL Med. Ctr., July 1996; Elem. School, Gainesville, FL, Oct. 1996; State Med. Ctr., Gainesville, FL, Oct. 1996; Univ. FL Health Ctr., Nov. 1996; Community College, Gainesville, FL, Nov. 1996; High School, Hawthorne, FL, March 1997; Med. Sci. Bldg., Univ. FL, March 1997; Court House, Gainesville, FL, April 1997; Hospital, Jacksonville, FL, July 1997; Insur. Co., Gainesville, FL, July 1997; Business Office, Gainesville, FL, Oct. 1997; High School, Hawthorne, FL, Oct. 1997; Bank, Gainesville, FL, Feb. 1998; Courthouse, Chiefland, FL, Aug. 1998; Insurance Bldg., Gainesville, FL, Oct. 1998; High School, Gainesville, FL, Feb. 1999; Law Offices, Gainesville, FL, March 1999; School Bd. Office, Gainesville, FL, April 1999; Fire Station, L. City, FL, April 1999; Computer Office, Gainesville, FL, Aug. 1999; Ins. Bldg., Gainesville, FL Aug. 1999; Water Manag. Bldg., Live Oak, FL, Oct. 1999; Elem. School, Newberry, FL, Jan. 2000; Motel, Jacksonville, FL, May 2000; Cigar Factory, Dom. Republic, June 2000; Univ. FL Exp. Station, Ft. Pierce, FL, Sept., 2000. Home in Deltona, Jan. 2001; Commercial Plant, Ft. Pierce, FL, March 2001; Home in Sarasota, FL, Feb. 2001; Apopka Home, May 2001; Ocala Home, June 2001; Winter Park Home, July 2001; Flagler Beach Marina, August 2001; Home in Ocala, FL, Sept. 2001; Home in Orlando, FL, Sept. 2001; Gainesville Home, Sept. 2001; Home in Ocala, FL, Oct. 2001; Home in Sprint Hill, FL, Nov. 2001; Home in Clearwater, FL, Nov. 2001; Mobile Home in Flagler Beach FL, Nov. 2001; Home in Orlando, FL, Nov. 2001; Home in Longwood, FL, Jan. 2002; Home in Ocoee,

FL, Jan. 2002; Home in Casselberry, FL, Feb. 2002; Home in Orlando, March 2002; Home in Winter Springs, FL, April 2002; Home in Apopka, FL, May 2002; Home in Altamonte Springs, FL, May 2002; Orlando Home, May 2002; Condominium in Flagler Beach, June 2002; Home in Lutz, FL, Sept. 2002; Ocala Resturant, October 2002; Gainesville Home, November 2002; Leesburg Commerce Center, Nov. 2002; Gainesville Home, Feb. 4, 2003; Ocala Home, August 2003; Gainesville Home, Sept. 2003; Gainesville Home, Oct. 2003.

C. **NSA Polymers, Inc.**, Lake Mary, FL., Indoor air quality, July 1993-July 1995.

D. **Expert Witness:** ButlerPappas, Attorneys at Law, Tampa, FL; L. Shakib, Attorney at Law, Jacksonville, FL. 2005.

E. **Pediatric Department, Shands Hospital, Univ. Fl.:** Sampled 115 homes from 1994-1995.

## **19. EDITOR OR A SCHOLARLY JOURNAL, SERVICE ON AN EDITORIAL ADVISORY BOARD OR REVIEWER FOR A SCHOLARLY JOURNAL:**

### **a. Editorial Board:**

- a. Mycologia Memoirs, 1970-1980.
- b. Jour. Cryptogamic Botany, 1989-present.
- c. Mycotaxon, 1990-present. Chair., 1993; 1996.

### **b. Reviewer:**

- a. Mycologia, 1-5 papers annually.
- b. Mycotaxon, 2-3 papers annually.
- c. Canadian J. Botany, intermittantly.
- d. Mycological Research, intermittantly.
- e. Int. Jour. Plant Sciences, regularly.
- f. National Science Foundation, 8-10 proposals annually

## **20. INTERNATIONAL ACTIVITY:**

a. Collaborative Research with the Taiwan Agri. Research Inst. (TARI), Taichung, Taiwan, ROC. Published a number of papers with Dr. C.C. Tu, previous Director of TARI. Made a 10-day visit to TARI in Dec. 1988, presented 4 seminars and consulted with colleagues in several of their Research Centers.

b. Collaborative Research with Drs. Tim and Esen Momol, Akdeniz University, Antalya, Turkey, involving fungal systematic problems related with plant diseases in Southwestern Turkey. Because of my contacts in Turkey, I have been involved and bringing to fruition a University of Florida/IFAS/Akdeniz Univ. Cooperative Agreement in agricultural research..

c. Collaborative Research and Teaching in the Dept. de Micologia, Univ. Fed. de Pernambuco, Recife, Brasil. I spent 10 weeks of my Sabbatical in the summer of 1995 doing field and laboratory research on Ectomycorrhizal fungi in the eastern rain forest of Brasil. I taught 2 courses while there, (1) Biology and Taxonomy of Ascomycetes and Basidiomycetes, and (2) a Survey of the Fungal Kingdom. I presented 2 seminars in the Dept. de Micologia at the Univ. Fed. de Pernambuco and 2 in the Dept. Fitosanitation at the Rural University in Recife.

d. International Visitors to the Mycology Lab and Herbarium within the past 10 years: Dr. E. Horak, Zurich, Switzerland (1991); Dr. C. Yeh, Taiwan, ROC, (1992); Prof. A. Delgado,

Venezuela (1993); Dr. C.G. Wu, Taiwan, ROC, (1994); Dr. C.Y. Wang, Taichung, ROC (1994); Dr. Esen Momol, Antalya, Turkey (1994); Mr. Do Qi, Beigeng, China (1993); Dr. Leonor C. Maia, UFPE, Brasil (1993); Dr. Öve Eriksson and Sara Landvik, Omea, Sweden (1993), Dr. Li-Tzu Li, Univ. Taiwan, Taipei.

## **21. EXTENSION PROGRAM:**

### **a. Fungal Systematics:** My laboratory assists in the following:

-- Culture and specimen identification (400->800 annually) for the following clientele: CES directors and personnel; IFAS faculty (on campus and in the RES centers around the state); and growers and homeowners.

-- Curator of the Mycological Herbarium (>56,000): from 15-25 loan requests are processed annually; from 300 to 500 new specimens are added to our collections annually; and we maintain a collection of more than 500 cultures of fungi used in teaching, research, and extension programs.

-- Resolving culturing, sporulation, and nomenclatural problems experienced by various researchers.

### **b. Cultivating Shiitake and other Exotic Mushrooms:**

Five workshops and several seminars have been given on the technology used in the cultivation of exotic mushrooms. These have involved the traditional outdoor log grown mushrooms and indoor cultivation with artificial logs. Many growers are now looking for alternative farming practices and we have approximately 85 growers in north central Florida that are actively growing exotic mushrooms. One grower has more than 11,000 logs inoculated.

### **c. Indoor Air Pollution Problems (the Sick house syndrome):**

There has been a growing sensitivity in the past decade to the problem of indoor air pollution. These problems arise as the result largely of the buildup of fungal spores and debris within the HVAC systems of homes and public buildings. I provide literature and other information to County Extension personnel and to home and business owners as well as do research in homes of allergy patients in which we test the effectiveness of in-room filters on spore levels.

### **d. Mycologist for Florida Poison Control Clinics:**

Although there are a large number of amateur mycologists in Florida, only my laboratory has the literature and herbarium resources to accurately identify poisonous and edible mushrooms. Several years ago, I was asked to serve as mycologist for the Poison Control Clinics. I receive from 20-30 calls annually from Doctors, hospitals, and clinic around the state needing vital information on mushrooms their patients have ingested. Many times these are flown to my home or lab in Gainesville, or carried by the highway patrols when prompt identifications are needed. The case histories of poisonous species are sent to the National Poison Control Clinic in Denver, CO. **This year we have initiated a program by which poison control centers and branch experiment stations with digital cameras can attach jpg images of specimens.** Quick diagnoses are already helping doctors to promptly use precautionary treatment when necessary.

## **22. CLINICAL SERVICE:** None

## **23. SERVICE TO SCHOOLS:**

Almost every year I present talks or give nature walks for students in many of the schools in Gainesville. These include Talbot Elementary School, Terwilliger Elementary School, J. J.

Finley Elementary School, P.K. Yonge High School.

Annually, I serve as judge in biological sciences for local, regional, and state science fairs. I have been an active participant in the Summer Scholars Program for outstanding high school students.

## **24. MEMBERSHIP AND ACTIVITIES IN THE PROFESSION:**

### **A. Mycological Society of North America (member, 1963-present)**

- a. Counselor East (1971-1973)
- b. Foray Committee (1970-1980)
- c. Secretary-Treasurer (1974-1977)
- d. Finance Committee (1974-1980)
- e. Local Arrangements Committee, 3rd Int. Mycology Congress (1977)
- f. Vice President (1977-1978)
- g. President Elect (1978-1979)
- h. President (1979-1980)
- i. Golden Anniversary Committee, Chairman (1980-1981)
- j. Elections Committee (1986-1988)
- k. Travel Awards Committee (1992-2004)
- l. Distinctions Award Committee (2004-present)

### **B. Botanical Society of America (1964-1985)**

- a. Systematic Biology Panel (1985)

### **C. British Mycological Society (1970-1987)**

### **D. The Torrey Botanical Club(1964-1987)**

### **E. International Mycological Association (1977-present)**

Organized a 2-day foray in conjunction with IMC3

### **F. Florida Poison Control Clinics (Mycologist), (1980-present)**

### **G. The Highlands Biological Foundation (member, 1980-present)**

- a. Scientific Advisory Panel (1986-present)
- b. Trustee (1986-present). Elected to lifetime, honorary trustee in April 2002.

### **H. National Science Foundation Panel on Systematic Biology (1982-1985)**

### **I. American Institute of Biological Sciences**

General Chairman and Coordinator of the 1985 Annual Meeting at the University of Florida, Gainesville, FL.

## **24. HONORS:**

- a. Shell Foundation Scholar, Cornell Univ. (1963-1964)
- b. IFAS Award of Excellence in Graduate Student Supervision (C.C.Tu, 1975)
- c. Elected to the Linnean Society of London (1983)
- d. Selected as a *AFrontier of Science* speaker, Univ. Florida (1985)
- e. Selected General Chairman, Amer. Inst. Biol. Sci. (AIBS) Annual Meeting,

Gainesville, FL. (1985).

- f. IFAS Award of Excellence in Graduate Student Supervision (Leonor Maia, 1991)
- g. Distinguished Professor, Florida Blue Key, Univ. of Florida (1992)
- h. Superior Accomplishment Award in IFAS, Univ. of Florida (1993)
- i. Nominated, Distinguished Service Professor, Univ. of Florida (1994)
- j. Selected for the Professional Excellence Program Award at the University,(1996).
- k. Weston Award for Excellence in Teaching, Mycological. Soc. Amer. (1996)
- l. My student, Dr. Grace McWhorter, won one of the 50 awards for Women of Excellence and Achievement awarded by the Univ. of Florida to commemorate 50 years of admitting women as students.
- m. Who's Who Among America's Teachers (1998).
- n. Distinguished Mycologist Award of the Mycological Society of America, 2001.
- o. Undergraduate Teacher of the Year Award, Univ. of Florida, 2001.
- p. Nominated to the Academy of Distinguished Teaching Scholars Award, UF (2005).