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## BIOGRAPHICAL SKETCH

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NAME <b>Angus L. Catchot, Jr.</b>	POSITION TITLE <b>Professor and Director</b>
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### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Mississippi State University, MS	B.S.	1995	Ag Pest Management
Mississippi State University, MS	M.S.	1997	Entomology
Mississippi State University, MS	Ph.D.	2002	Entomology

### A. Positions and Honors

#### Positions and Employment:

Director	Mississippi State Extension, Miss. State	2023-present
Associate Director	Mississippi Agricultural and Forestry Experiment Station, Miss. State	2022-2023
Extension Professor	Mississippi State Extension, Miss. State	2013-2022
Associate Extension Professor	Mississippi State Extension, Miss. State	2009-2013
Assistant Extension Professor	Mississippi State Extension, Miss. State	2004-2009

#### Professional Memberships and Honors:

Mississippi Association of County Agricultural Agents (2004-present)  
Mississippi Agricultural Industry Council (2001-present)  
Mississippi Entomological Association (1996-present)  
Mid-South Entomology Working Group (2004-present)  
Entomological Society of America (1996-present)  
Southern Weed Science Society (2001-present)  
Gamma Sigma Delta (2011-present)

#### Grant-In-Aid - \$12,638,938 total (2004-2021)

### B. Selected Peer-Reviewed Publications (2021 to present)

Mann, R., W. Crow, A. Catchot, J. Gore, D. Cook, and T. Towles. 2022. A Dynamic Threshold Approach for Tarnished Plant Bug (Hemiptera: Miridae) Management in the MidSouthern U.S. Cotton. J. Econ Entomol. 115:1164-1169.

Whalen, A., A. L. Catchot, J. Gore, D. R. Cook, B.T. Barton, R.L. Brown, J.T. Irby, and C.J. Speights. 2022. Impacts of Winter Annual Cover Crops and Neonicotinoid Seed Treatments on Arthropod Diversity in Mississippi Soybean. Environ Entomol. 51:578-585

Graham, S.H., A.L. Catchot, J. Gore, D.R. Cook, and D. Dodds. 2021. Tarnished Plant Bug (Heteroptera: Miridae) Behavioral Responses to Chemical Insecticides. Insects 12: 1072.

Towles, T.B, A. L. Catchot, J. Gore, D.R. Cook, M.A. Caprio, C. Daves. W.D. Crow, B. Thrash, and N.R. Bateman. 2021. Determining Yield Effects of Simulated Stand Loss in Field Corn (Zea Mays). MidSouth Entomol. 14: 26-34.

Catchot, B. D., F. R. Musser, J. Gore, N. Krishnan, D. R. Cook, S. D. Stewart, G. M. Lorenz, S.

- Brown, N. Seiter, A. L. Catchot, D. L. Kerns, R. Jackson, and K.S. Knighten. 2021. Sublethal Impacts of Novaluron on Tarnished Plant Bug (Hemiptera: Miridae) Adults. *J. Econ Entomol.* 114 (2) 739-746.
- Calvin, W., F. Yang, S. A. Brown, A. L. Catchot, W. D. Crow, D. R. Cook, J. Gore, R. Kurtz, G. M. Lorenz, N. J. Seiter, S. D. Stewart, T. Towles, and D. L. Kerns. 2021. Development of Economic Thresholds Toward Bollworm (Lepidoptera: Noctuidae), Management in Bt Cotton, and Assessment of the Benefits From Treating Bt Cotton With Insecticide. *J. Econ. Entomol.* 114:2493-2504.
- Towles, T. B., G. D. Buntin, A. L. Catchot, J. Gore, D. R. Cook, M. A. Caprio, and C. Daves. 2021. Quantifying the Contribution of Seed Blended Refugia in Field Corn to *Helicoverpa zea* (Lepidoptera: Noctuidae) Populations. *J. Econ. Entomol.* 114 (4) 1771-1778.
- Samples, C. A., T. R. Butts, B. C. Vieira, J. T. Irby, D. B. Reynolds, A. L. Catchot, G. R. Kruger, and D. M. Dodds. 2021. Effect of Deposition Aids Tank-Mixed with Herbicides on Cotton and Soybean Canopy Deposition and Spray Droplet Parameters. *Agronomy* 11 (2) 278.
- Hardman, W. C., A. L. Catchot, J. Gore, W. B. Henry, and D. R. Cook. 2021. The Impact of Brown Stink Bug (Hemiptera: Pentatomidae) Damage during the Seedling Stage on Field Corn Growth and Yield. *J. Econ. Entomol.* 114 (4) 1607-1612.
- Kelly, F. R., J. Gore, D. R. Cook, A. L. Catchot, B. R. Golden, L. J. Krutz, W. D. Crow, and T. B. Towles. 2021. Influence of Soil Moisture Zones on Rice Water Weevil (Coleoptera: Curculionidae) Populations in Furrow Irrigated Rice. *Environ. Entomol.* 50 (3) 658-662.
- Thrash, B. C., A. L. Catchot, J. Gore, D. Cook, F. R. Musser, T. Irby, J. Krutz, and G. M. Lorenz. 2021. Effects of Soybean Planting Date on Yield Loss from Defoliation. *J. Econ. Entomol.* 114 (2) 993-997.
- Moor, J. C., J. Gore, A. L. Catchot, D. Cook, W. D. Crow, D. M. Dodds, J. M. Sarver, T. B. Towles, and B. Zurweller. 2021. Effect of Imidacloprid and Acephate for Tobacco Thrips (Thysanoptera: Thripidae) Management on Flumioxazin Injured Peanut. *Plant Science.* 48 (1) 6-14.
- Whalen, A., A. L. Catchot, J. Gore, S. D. Stewart, G. M. Lorenz, D. R. Cook, F. R. Musser, J. W. Harris, and N. Krishnan. 2021. Temporal Profile of Neonicotinoid Concentrations in Cotton, Corn, and Soybean Resulting from Insecticidal Seed Treatments. 11 (6) 1200.
- Floyd, C. A., J. T. Irby, T. W. Allen, A. L. Catchot, D. M. Dodds, J. M. Sarver, W. E. Maples, A. B. Scholtes, and S. M. Carver. 2021. Evaluation of fungicide application timing on soybean yield, quality, and economic return. *Crop Management.*
- Samples, C. A., T. R. Butts, B. C. Vieira, J. T. Irby, D. B. Reynolds, A. L. Catchot, G. R. Kruger, and D. M. Dodds. 2021 Injury potential of herbicide combinations on XtendFlex® cotton. *Weed Technol.*
- Crow, W. D. 2021. Evaluation of Cotton Cultivar and At-Plant Nematode Application on Seasonal Populations of Reniform Nematode (Tylenchida: Haplaimidae). *Agronomy.* (11) 2166.
- Godbold, R., W.D. Crow, A.L. Catchot, J. Gore, D.R. Cook, D.M. Dodds, F. M. Musser, and N.S. Little. 2021. Feeding Behavior and Fruiting Form Damage by Bollworm (Lepidoptera: Noctuidae) in Bt Cotton. 2021. *J. Econ. Entomol.* 115:160-167.

## **78 Refereed Journal Publications**

## **162 Anthropod Management Publications**

## **1 Book chapter**

## **81 Extension Publications**