

CURRICULUM VITAE

AMANDA M. BUSHON

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Birth date: Jan. 14, 1982

Birthplace: Wheeling, WV

Education:

Institution:	Degree:	Date:	Field of Study:	GPA:
Wheeling Jesuit University	B.S.	2000	Biology	3.5
Texas A&M University-Corpus Christi	M.S.	2006	Biology	4.0

Present Position:

2005-Present Graduate Research Assistant, Texas A&M University-Corpus Christi

Duties include managing operations of the Fisheries Ecology Lab operations including: supervising and training technicians and student workers in field and laboratory techniques, conducting field fisheries research, collection of data, sorting and identification of samples, data entry and advanced statistical analysis, preparation of reports and peer-reviewed manuscripts, otolith analysis

Professional Background:

2005-2006	National Science Foundation Research Assistant, NSF-REU Program at Texas A&M University-Corpus Christi
2005-2006	Youth Adventure Program Marine Biology Coordinator, Texas A&M University-Corpus Christi
2004-2005	Teaching Assistant, Texas A&M University-Corpus Christi Anatomy and Physiology I Introduction to Biology II
2003	National Science Foundation Intern, NSF-REU Program at Texas A&M University-Corpus Christi. Mentor: Dr. Greg Stunz

Abstracts, Proceedings, and Conference Publications/Presentations:

- Bayer, S., G. Stunz, M. Reese, A. **Bushon**. 2006. Impacts of a New Tidal Inlet on Estuarine Nekton: The opening of Packery Channel in Corpus Christi, Texas. Ocean Science Meeting (ASLO, AGU, TOS), Honolulu, Hawaii.
- Bushon**, A., G.W. Stunz, M. Reese. 2006. Recruitment, spatial distribution, and fine scale movement patterns of red drum (*Sciaenops ocellatus*) through major and shallow passes in Texas. Graduate Student Symposium Dauphin Island Sea Lab, Dauphin Island, Alabama.
- Bushon**, A., G.W. Stunz, M. Reese. 2006. Recruitment, spatial distribution, and fine scale movement patterns of red drum (*Sciaenops ocellatus*) through major and shallow passes in Texas. Southern Division American Fisheries Society, San Antonio, Texas.
- Bushon**, A., G.W. Stunz, M. Reese. 2006. Recruitment, spatial distribution, and fine scale movement patterns of red drum (*Sciaenops ocellatus*) through major and shallow passes in Texas. Texas Bays and Estuaries Meeting, University of Texas Marine Science Institute, Port Aransas, Texas.
- Cardona, A., G. Stunz, A. **Bushon**, M. Reese. 2006. Recruitment of an estuarine dependent fish from varying distances from a tidal inlet. Ocean Science Meeting (ASLO, AGU, TOS), Honolulu, Hawaii.
- Reese, M. G.W. Stunz, A. **Bushon**. 2006. Impacts of a new tidal inlet on estuarine nekton: The opening of Packery Channel in Corpus Christi, Texas. Graduate Student Symposium Dauphin Island Sea Lab, Dauphin Island, Alabama.
- Reese, M. G.W. Stunz, A. **Bushon**. 2006. Impacts of a new tidal inlet on estuarine nekton: The opening of Packery Channel in Corpus Christi, Texas. Southern Division American Fisheries Society, San Antonio, Texas.
- Reese, M. G.W. Stunz, A. **Bushon**. 2006. Impacts of a new tidal inlet on estuarine nekton: The opening of Packery Channel in Corpus Christi, Texas. Texas Bays and Estuaries Meeting, University of Texas Marine Science Institute, Port Aransas, Texas.
- Cardona, A., G.W. Stunz, and A. **Bushon**. 2005. Recruitment of an estuarine dependent fish from varying distances from a tidal inlet. American Society of Limnology and Oceanography, Salt Lake City, Utah.
- Bushon**, A., and G.W. Stunz. 2003. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). SURF Program, Corpus Christi, Texas.

Publications in National/International Journals:

Bushon, A., G.W. Stunz, M. Reese. 2006. An Evaluation of marking juvenile red drum with visible implant elastomer. **North American Journal of Fisheries Management** (*In Press*)

Manuscripts in Preparation:

Stunz, G.W. A. **Bushon**, M. Reese. 2006. Early life history of red drum. **Marine Fisheries Review** (Review paper invited by Journal Editor, R. Stickney)

Technical Reports:

Stunz, G.W., M. Reese, A. **Bushon**. 2006. Impacts of a new tidal inlet on estuarine nekton: The opening of Packery Channel in Corpus Christi, Texas. Final Report to Coastal Bend Bays and Estuaries Program. Submitted Aug. 17, 2006.

Thesis:

Recruitment, Spatial Distribution, and Fine-Scale Movement Patterns of Estuarine-Dependent Species Through Tidal Inlets in Texas. 2006

Research Experience

Estimating Dungeness Crab Abundance in Glacier Bay National Park, Alaska.

Characterization of patch reef community Sian Ka'an Biosphere Reserve Quintana Roo, Mexico.

Catch and release mortality studies on spotted seatrout.

Effects of propeller scarring on seagrass-associated fauna.

Recruitment of bay scallops in Laguna Madre, Texas.

The impact of a new tidal inlet on estuarine nekton recruitment: the opening of Packery Channel in Corpus Christi, Texas.

Physiological stress of spotted seatrout following hook and line capture.

Characterization of nursery habitat for juvenile southern flounder, *Paralichthys lethostigma*, in Aransas Bay, Texas.

Life history and habitat use of southern flounder (*Paralichthys lethostigma*) in South Texas estuaries.

Oyster reef as essential fish habitat.

Habitat use patterns of newly-settled spotted seatrout *Cynoscion nebulosus* in Gulf coast estuaries.

Professional Skills:

SCUBA Certification

Extensive Field and Laboratory Experience*

Small boat operations, fish collection gear (ie. Seine, sleds, gill nets, drop sampler, etc.), otolith microstructure and annual age analysis technique, data analysis

* Details available upon request

Extensive Communication Skills

Presented at several conferences and published results in technical reports and peer-reviewed journals.

Computer Skills

Experience with all popular computer programs including most statistical software packages (e.g. Sigma Stat, Sigma Plot)

Awards:

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| 2005-2006 | Coastal Conservation Association Graduate Scholarship Recipient (\$2500/year) |
| 2005 | TAMU-CC Caribbean Connection Scholarship (\$400)
TAMU-CC Science &Technology Graduate Scholarship (\$500) |
| 2004 | TAMU-CC Graduate Research Mini-Assistantship
TAMU-CC Hildebrand Endowed Memorial Scholarship (\$400)
TAMU-CC Suter Endowed Scholarship (\$400) |

Honors:

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| 2004-Present | Elected a representative of Sigma Xi associate member chapter |
| 2004 | Graduated Cum Laude from Wheeling Jesuit University |
| 2003 | National Science Foundation Research Experience for Undergraduates (NSF-REU) Recipient |

Professional Organizations:

2006-Present Coastal Conservation Association
2006-Present American Fisheries Society
2005-Present Texas Academy of Science
2004-Present Sigma Xi Scientific Research Society
2003-Present Beta Beta Beta Biology Honor Society

Volunteer Experience:

2005-2006 Coastal Bend Science Fair Judge, Texas A&M University-Corpus Christi.
2005 Science Rules! Expo, Texas A&M University-Corpus Christi

References:

Dr. Greg Stunz
Associate Professor of Marine Biology
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Dr. Rebekah Thomas
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