





City Of Corpus Christi

WATERSHORE AND BEACH ADVISORY COMMITTEE


BOARD DETAILS




OVERVIEW



SIZE 9 Seats




TERM LENGTH 2 Years




TERM LIMIT 6 Years

The Watershore and Beach Advisory Committee advises and makes recommendations regarding use or preservation of the following areas within the city limits: the waterfront, the beaches, and the natural bodies of water, including, but not limited to: Gulf of Mexico, bays, rivers, and creeks, excluding the Marina area as defined by Section 2-264.




CONTACT


CONTACT



Martha Lawhon



(361) 826-3469



marthal@cctexas.com



DETAILS

COMPOSITION

Nine (9) members appointed by the City Council for two-year terms. The membership shall include one (1) Scientist, i.e. Marine Biologist, one (1) Engineer, and one (1) Environmentalist; one (1) shall be an owner or representative of a hotel or condominium located on North Padre Island or Mustang Island; and one (1) shall be a member of the Corpus Christi Convention & Visitors Bureau. The Chairperson of the Watershore and Beach Advisory Committee shall act as an advisor to the Parks and Recreation Advisory Committee and vice versa. In the initial appointment members will serve an initial two-year term, in the succeeding term, 5 members will serve a two-year term, and 4 members will serve a one-year term, as determined by drawing. Thereafter, all terms will be two-years.

CREATION / AUTHORITY

Section 2-80, Code of Ordinances, Ord No. 027408, 9/11/07; Ord. No. 027523, 12/11/07; Ord. No. 029985, 10/22/13.

MEETS

1st Thursday of every month at 5:30 p.m., Staff Conference Room 1st Floor, City Hall.

TERM DETAILS

Two-year staggered terms.

DEPARTMENT

Parks and Recreation Department

**Watershore and Beach Advisory Committee Members
December 15, 2015**

Six (6) vacancies with terms to 12/11/16 and 12/11/17 representing the following categories: 1- member of the Corpus Christi Convention and Visitors Bureau, 1 - Engineer, 1 - Environmentalist and 3 - Regular Members. (Staff is recommending the realignment of Joseph DePalma (Hotel/Condo Owner) to Regular Member.) (Note: Staff is recommending the postponement of the owner or representative of a hotel or condominium located on North Padre Island or Mustang Island. Staff is in the process of broadening the category requirements.)

Name	Board Name	Status	District	Term	End Date	Category	Position	Attendance
Joseph DePalma	WATERSHORE AND BEACH ADVISORY COMMITTEE	Realign to Regular Member	District 4	1	12/11/16	Hotel/Condo Owner	Member	
Diana Del Angel	WATERSHORE AND BEACH ADVISORY COMMITTEE	Resigned	District 4	1	12/11/15	Environmentalist	Member	
Jay Gardner	WATERSHORE AND BEACH ADVISORY COMMITTEE	Seeking reappointment	District 4	2	12/11/15	Regular Member	Vice-Chair	80% 8/10
Robert Kent	WATERSHORE AND BEACH ADVISORY COMMITTEE	Terminated	District 4	1	12/11/16	Regular Member	Member	
Paulette Kluge	WATERSHORE AND BEACH ADVISORY COMMITTEE	Seeking reappointment	District 1	Partial	12/11/15	CVB	Member	70% 7/10
Cameron Perry	WATERSHORE AND BEACH ADVISORY COMMITTEE	Seeking reappointment	District 4	2	12/11/15	Engineer	Chair	100% 10/10
Cliff Schlabach	WATERSHORE AND BEACH ADVISORY COMMITTEE	Seeking reappointment	District 4	Partial	12/11/15	Regular Member	Member	100% 10/10
Carrie Meyer	WATERSHORE AND BEACH ADVISORY COMMITTEE	Active	District 1	1	12/11/16	Regular Member	Member	
Jennifer Pollack	WATERSHORE AND BEACH ADVISORY COMMITTEE	Active	District 4	2	12/12/16	Scientist	Member	

**Watershore and Beach Advisory Committee Applicants
December 15, 2015**

Name	Boards Applying For	District	Employer	Category	Work Phone	Work Address	City	St.
Daniel E. Mazoch	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 4	Urban Engineering	Engineer or Regular Member	361-854-3101	2725 Swantner	Corpus Christi	TX
Kevin Nelson	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 1	Texas A&M University-Corpus Christi	Regular Member	361-825-3763	6300 Ocean Dr.	Corpus Christi	TX
Terry A. Palmer	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 4	Texas A&M University-Corpus Christi	Environmentalist or Regular Member	361-825-2063	6300 Ocean Drive	Corpus Christi	TX
Duncan F. Samo	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 3	Del Mar College	Regular Member	361-698-2820	101 Baldwin Blvd.	Corpus Christi	TX
Kenneth R. Scott	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 5	USCG	Regular Member				
Michael Starek	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 4	Texas A&M University-Corpus Christi	Engineer or Regular Member	361-825-3978	6300 Ocean Drive	Corpus Christi	TX
Mukesh Subedee	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 2	Harte Research Institute for Gulf of Mexico Studies	Environmentalist or Regular Member	361-825-2003	6300 Ocean Drive, Unit 5869	Corpus Christi	TX
Philippe Tissot	WATERSHORE AND BEACH ADVISORY COMMITTEE	District 2	Texas A&M University-Corpus Christi	Engineer or Regular Member	361-825-3776	6300 Ocean Dr.	Corpus Christi	TX

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Nov 09, 2015
Status: submitted

Profile

Prefix	<u>Daniel</u>	Middle Initial	<u>E</u>	Last Name	<u>Mazoch</u>	Suffix
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Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE



Street Address



Suite or Apt



City



State



Postal Code

District 4

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.



Primary Phone



Alternate Phone

Urban Engineering

Employer

Engineer II

Job Title

2725 Swantner

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

TX

WorkAddress - State

78404

WorkAddress - Zip Code

361-854-3101

Work Phone

danielm@urbaneng.com

Work E-mail address

Work Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

No

Education, Professional and/or Community Activity (Present)

Graduated Cum Laude from Texas A&M University – Kingsville with a Bachelor of Science in Civil Engineering. Extensive work in the field of coastal development including coordination with local and state level governmental agencies and committees. Skills include representing developers, municipalities, and individuals in coastal matters such as beach maintenance practices, dune mitigation, subdivision construction, dune walkover construction, and beach access road construction, including the preparation of all relevant permitting (50+ cases in Nueces County). Knowledge of regulating policy and procedures, including: Nueces County Beach Management Plan, Joint Erosion Response Plan, Coastal Barrier Resource Systems, interfacing of public and private land and beach access easements, and State regulations (General Land Office) regarding coastal management and development. Frequent attendee of Beach Management Advisory Committee meetings, follower of beach management and permitting policy changes, longtime Island resident and user of beach and public waterways. Experienced in attending and presenting at municipal meetings including City Planning and Zoning, City Council, and Nueces County Commissioners Court. American Society of Civil Engineers (ASCE) – 2011 to Present, Currently serving as Treasurer for Corpus Christi branch.

Registered Voter?

Yes No

Current resident of the city?

Yes No

26

If yes, how many years?

Mazoch Daniel Resume 2015.pdf

Upload a Resume

Diploma.pdf

Please upload any additional supporting documents

Demographics

Completion of this information is VOLUNTARY. The City will use this information for statistical purposes only, such as tracking the diversity of board and commission appointees. By providing this information, you will help us ensure that appointments represent a broad cross-section of the community.

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Verification

City Code Requirement

As a board, commission, or committee member, you will be asked to adhere to: City Code of Ordinances, Section 2-65, states that all members of city boards and commissions, including ad hoc committees, appointed by the city, must be residents of the city. A move outside the city limits of the city by any member shall constitute automatic resignation from the particular board or commission on which such member served. City Code of Ordinances, Section 2-61, provides that absences from more than 25% of regularly scheduled meetings during a term year on the part of any board, commission or committee member shall result in an automatic termination. An absence shall be deemed unexcused unless excused by the board, commission or committee for good cause no later than its next meeting after the absence.

I Agree

Consent for Release of Information

I understand that if any member of the public makes a request for information included in this application for appointment must be disclosed under the Public Information Act. I also understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of Corpus Christi, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act.

I Agree

Oath

I swear that all of the statements included in my application are true and correct.

I Agree

Board-specific questions (if applicable)

Question applies to WATERSHORE AND BEACH ADVISORY COMMITTEE.

Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Engineer

DANIEL E. MAZUCH



QUALIFICATIONS

Bachelor of Science in Civil Engineering

Engineer in Training, EIT (Testing for Professional Engineering License Spring 2016)

Extensive work in the field of coastal development including coordination with local and state level governmental agencies and committees. Skills include representing developers, municipalities, and individuals in coastal matters such as beach maintenance practices, dune mitigation, subdivision construction, dune walkover construction, and beach access road construction, including the preparation of all relevant permitting (50+ cases in Nueces County).

Knowledge of regulating policy and procedures, including: Nueces County Beach Management Plan, Joint Erosion Response Plan, Coastal Barrier Resource Systems, interfacing of public and private land and beach access easements, and State regulations (General Land Office) regarding coastal management and development.

Frequent attendee of Beach Management Advisory Committee meetings, follower of beach management and permitting policy changes, longtime Island resident and user of beach and public waterways.

Experienced in attending and presenting at municipal meetings including City Planning and Zoning, City Council, and Nueces County Commissioners Court.

PROFESSIONAL EXPERIENCE

Urban Engineering (2011 - Present)

Civil Engineer (E.I.T.)

Project management, civil design, coastal development and resource management, municipal engineering, design review, ordinance review and revision, construction inspection, etc.

KBR- Kellogg Brown & Root (Summer 2010)

Civil Engineering Intern

Track progress on civil construction jobs at DuPont Ingleside chemical plant

Construction Inspection, progress reports, performing ASTM tests, quality assurance/ quality control, reporting of results.

EDUCATION

Graduated Cum Laude from

Texas A&M University – Kingsville with a Bachelor of Science in Civil Engineering

ACTIVITIES/ AWARDS/ MEMBERSHIP

American Society of Civil Engineers (ASCE) – 2011 to Present, Currently serving as Treasurer for Corpus Christi branch.

Eagle Scout

Cum Laude Graduate

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Apr 15, 2015
Status: submitted

Profile

Prefix Kevin Middle Initial Nelson Suffix
First Name Last Name

[REDACTED]

Email Address

Which Boards would you like to apply for?

MARINA ADVISORY COMMITTEE, PORT OF CORPUS CHRISTI AUTHORITY OF NUECES COUNTY, TX,
WATER RESOURCES ADVISORY COMMITTEE, WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]

Street Address

[REDACTED]

Suite or Apt

[REDACTED]

City

[REDACTED]

State

[REDACTED]

Postal Code

District 1

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]

Primary Phone

[REDACTED]

Alternate Phone

TEXAS A&M UNIVERSITY-
CORPUS CHRISTI

Employer

POST DOCTORAL RESEARCH
ASSOCIATE

Job Title

6300 OCEAN DR.

WorkAddress - Street Address and Suite Number

CORPUS CHRISTI

WorkAddress - City

TX

WorkAddress - State

78412

Work Address - Zip Code

361-825-3763

Work Phone

Work E-mail address

Home/Primary Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

NO

Education, Professional and/or Community Activity (Present)

PH.D. COASTAL AND MARINE SYSTEM SCIENCES; M.S. COMPUTER SCIENCE CURRENT REGIONAL ACTIVITY, DETERMINING TEMPORAL AND SPATIAL EXTENT, AND CAUSES OF HYPOXIA IN CORPUS CHRISTI BAY. MODELING MARSH VEGETATION RESPONSE TO FRESHWATER INFLOW IN THE NUECES RIVER DELTA

Registered Voter?

Yes No

Current resident of the city?

Yes No

If yes, how many years?

Upload a Resume

Demographics

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Caucasian/Non-Hispanic

Ethnicity

Gender

Verification

City Code Requirement

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I Agree

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I Agree

Oath

I swear that all of the statements included in my application are true and correct.

I Agree

Board-specific questions (if applicable)

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Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Scientist i.e., Marine Biologist)

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 15, 2015
Status: submitted

Profile

Prefix	Terry	A	Palmer	Suffix
	First Name	Middle Initial	Last Name	

[REDACTED]

Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]	[REDACTED]
Street Address	Suite or Apt
[REDACTED]	[REDACTED]
City	State
	Postal Code

District 4

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]	[REDACTED]
Primary Phone	Alternate Phone

Texas A&M University-Corpus Christi

Employer

Research Associate

Job Title

6300 Ocean Drive

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

Texas

WorkAddress - State

78412

Work Address - Zip Code

3618252063

Work Phone

terry.palmer@tamucc.edu

Work E-mail address

Work Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

No

Education, Professional and/or Community Activity (Present)

Master of Science (Marine Science) from University of Texas

Registered Voter?

Yes No

Current resident of the city?

Yes No

9

If yes, how many years?

Palmer_Terry_resume_Jul2015_work.pdf

Upload a Resume

Demographics

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Gender

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-
- Scientist i.e., Marine Biologist)
 - Environmentalist

Terence A. Palmer

EDUCATION

2006 MS in Marine Biology,
University of Texas at Austin (Marine Science Institute), USA

2002 BSc(Tech) in Marine Science:
University of Waikato, Hamilton, New Zealand

RESEARCH EXPERIENCE

Sept 2006 – present **Harte Research Institute for Gulf of Mexico Studies,
Texas A&M University - Corpus Christi
Research Associate (2010 - present),
Research Specialist (2006 – 2009)**

- Performed investigations of water quality and benthic macrofauna in Gulf of Mexico and U.S. Atlantic estuaries relating to changes in artificial reef recruitment, oyster populations, hypoxia, freshwater inflow and other disturbances.
- Implemented annual field sampling and subsequent data analysis for a project monitoring McMurdo Station, Antarctica to determine contamination effects on terrestrial and marine sediments.
- Prepared data for and co-authored manuscripts and reports for research investigations using SAS, ArcGIS, Primer, SigmaPlot and other software.
- Presented research at local and international conferences.
- Managed and mentored graduate students.
- Sampled, sorted and identified benthic macrofauna for baseline monitoring.
- Field skills include SCUBA diving in a large range of conditions (>450 dives), boat handling, benthic sampling (infauna, epifauna and encrusting fauna), datasonde and water quality sensor management.

Jan – Aug 2001, **University of Texas Marine Science Institute**
Jan 2004 - Aug 2006 **Research Assistant**

- Performed investigations of benthic macrofauna in Texas estuaries, relating to changes in freshwater inflow and other anthropogenic disturbances.
- Sampled, sorted and identified benthic macrofauna for baseline monitoring.
- Prepared data for and co-authored two annual reports for research investigation.
- Field skills include benthic sampling, SCUBA diving, boat handling and datasonde management.
- Implemented terrestrial and marine field sampling in and around McMurdo Station, Antarctica as part as an environmental monitoring program.
- Taught laboratory exercises for oceanography, marine invertebrates and marine environmental science courses. Teaching entailed field work, instructing, processing of data and grading of written reports.

Oct 2002 – Dec 2003 **Auckland Regional Council, Auckland, New Zealand**
Hydrology Technician

- Assisted in designing, constructed and maintaining hydrological flow and rainfall stations including the use of dataloggers, transducers and water quality sensors.
- Implemented water quality sampling, datasonde deployment, land surveying, and beach profiling.

- Responsible for data management and report writing.

**Nov 1999 – Feb 2000 Environment Bay of Plenty, Whakatane, New Zealand
Research Assistant**

- Participated in long-term benthic macrofaunal monitoring program.
- Developed a GIS database concerning the development of the region's waterways.

OTHER QUALIFICATIONS

PADI Rescue Diver
PADI Dry Suit Diver
SSI Enriched Air Nitrox Diver
Texas Boating Safety Certificate
First Aid/CPR/Emergency Oxygen certified

PROFESSIONAL AFFILIATIONS

American Academy of Underwater Sciences
TAMUCC Dive Control Board

TEACHING EXPERIENCE

2013.2014 Guest Lecturer: *Benthic Ecology*. Texas A&M University-Corpus Christi.
2009, 2011, 2013.2014 Guest Lecturer: *Experimental Design*. Texas A&M University-Corpus Christi.
Summer 2005, Graduate Teaching Assistant, *Marine Environmental Science*. Marine Science Institute, University of Texas at Austin, Port Aransas
Summer 2004, Graduate Teaching Assistant, *Marine Invertebrates*. Marine Science Institute, University of Texas at Austin, Port Aransas.
Spring 2004, Graduate Teaching Assistant, *Introduction to Oceanography*. Marine Science Department, University of Texas at Austin, Austin.
2000, High School Biology Tutor, Hamilton Boys High School, Hamilton, New Zealand

PUBLICATIONS

Palmer, T.A., P.A. Montagna, R.H. Chamberlain, P.H. Doering, Y. Wan, K.M. Haunert, D.J. Crean. 2015. Determining the Effects of Freshwater Inflow on Benthic Macrofauna in the Caloosahatchee Estuary, Florida. *Integrated Environmental Assessment and Management*. DOI 10.1002/ieam.1688

Rhodes, A.C., N.F. Carvalho, T.A. Palmer, L.J. Hyde, P.A. Montagna. 2015. Distribution of two species of the genus *Nototanais* spp. (Tanaidacea) in Winter Quarters Bay and waters adjoining McMurdo Station, McMurdo Sound, Antarctica. *Polar Biology* DOI 10.1007/s00300-015-1727-7

Palmer, T.A., and P.A. Montagna. 2015. Impacts of droughts and low flows on estuarine water quality and benthic fauna. *Hydrobiologia* 753: 111–129. DOI 10.1007/s10750-015-2200-x

Palmer, T.A., P. Uehling and J.B. Pollack. 2015. Using oyster tissue toxicity as an indicator of disturbed environments. *International Journal of Environmental Science and Technology* 12: 2111-2116. DOI 10.1007/s13762-014-0745-2

George, L.M., K. De Santiago, T.A. Palmer and J.B. Pollack. 2014. Oyster reef restoration: effect of alternative substrates on oyster recruitment and nekton habitat use. *Journal of Coastal Conservation* 19: 13-22 DOI: 10.1007/s11852-014-0351-y

Montagna, P.A., T.A. Palmer, and J.B. Pollack. 2013. *Hydrological Changes and Estuarine Dynamics*. Springer, New York, 94 pp.

Palmer, T.A., P.A. Montagna, and R.D. Kalke. 2013. The effects of opening an artificial tidal inlet on hydrography and estuarine macrofauna in Corpus Christi, Texas. *Environmental Monitoring and Assessment*. 185: 5917-5935. DOI 10.1007/s10661-012-2995-0.

Pollack, J.B., A. Cleveland, T.A. Palmer, A.S. Reisinger, and P.A. Montagna. 2012. A restoration suitability index model for the eastern oyster (*Crassostrea virginica*) in the Mission-Aransas Estuary, TX, USA. *PLOS ONE* 7: e40839.

- Pollack, J.B., T.A. Palmer, and P.A. Montagna. 2011. Long-term trends in the response of benthic macrofauna to climate variability in the Lavaca-Colorado Estuary, Texas. *Marine Ecology Progress Series* 436: 67–80.
- Palmer, T.A., P.A. Montagna, J.B. Pollack, R.D. Kalke and H. DeYoe. 2011. The role of freshwater inflow in lagoons, rivers, and bays. *Hydrobiologia*. 667: 49-67.
- Kennicutt M.C. II, A. Klein, P. Montagna, S. Sweet, T. Wade, T. Palmer, J. Sericano, and G. Denoux. 2010. Temporal and spatial patterns of anthropogenic disturbance at McMurdo Station, Antarctica. *Environmental Research Letters*. 5: 034010.
- Montagna, P.A., T.A. Palmer, R.D. Kalke and A. Gossmann. 2008. Suitability of using a limited number of sampling stations to represent benthic habitats in Lavaca-Colorado Estuary, Texas. *Environmental Bioindicators*. 3: 156–171.
- Palmer, T.A., P.A. Montagna, R.D. Kalke. 2008. Benthic indicators of the initial effect of opening a channel. *Environmental Bioindicators*. 3: 205-206.
- Montagna, P.A., E.D. Estevez, T.A. Palmer, and M.S. Flannery. 2008. Meta-analysis of the relationship between salinity and molluscs in tidal river estuaries of southwest Florida, U.S.A. *American Malacological Bulletin*. 24: 101-115.
- Palmer, T.A., P.A. Montagna, and R.B. Nairn. 2008. The effects of a dredge excavation pit on benthic macrofauna in offshore Louisiana. *Environmental Management*. 41: 573-83.
- Palmer, T.A., P.A. Montagna, and R.D. Kalke. 2002. Downstream effects of restored freshwater inflow to Rincon Bayou, Nueces Delta, Texas, USA. *Estuaries*. 25: 1448-1456.

BOOK CHAPTERS (REFEREED)

- Klein, A.G., S.T. Sweet, M.C. Kennicutt II, T.L. Wade, T.A. Palmer, and P. Montagna. 2014. Long-Term Monitoring of Human Impacts to the Terrestrial Environment at McMurdo Station, Chapter 9. In: Tin, T., D. Liggett, P.T. Maher, and M. Lamers (Eds.) “Antarctic Futures: Human Engagement with the Antarctic Environment” pp 213-227. doi: 10.1007/978-94-007-6582-5_9
- Mattson, R.A., K.W. Cummins, R.W. Merritt, P.A. Montagna, T. Palmer, J. Mace, J. Slater, and C. Jacoby. 2012. Benthic Macroinvertebrates, Chapter 11. In: Lowe, E.F., L.E. Battoe, H. Wilkening, M. Cullum, and T. Bartol, “The St. Johns River Water Supply Impact Study Final report.” St. Johns River Water Management District, Palatka, Florida.
<http://www.sjrwmd.com/watersupplyimpactstudy/>

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 04, 2015
Status: submitted

Profile

Duncan **F** **Samo**
Prefix First Name Middle Initial Last Name Suffix

[REDACTED]

Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]

Street Address

[REDACTED]

City

[REDACTED]

Suite or Apt

[REDACTED]

State

[REDACTED]

Postal Code

District 3

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]

Primary Phone

[REDACTED]

Alternate Phone

Del Mar College

Employer

Emeritus Professor

Job Title

101 Balwin Blvd

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

Texas

WorkAddress - State

78404

WorkAddress - Zip Code

361-698-2820

Work Phone

dsamo@delmar.edu

Work E-mail address

Work Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

No

Education, Professional and/or Community Activity (Present)

Education: MED - University of Houston 1977 Professional: Professor for 34 years at Del Mar College as Program Director of Medical Laboratory Technician Program; Department Chair for 7 years for Allied Health Community Activity: Member of Corpus Christi Yacht Club (1992 - present); member of Bay Yacht Club (1989 - present); sailboat owner (1984 - present); Sailed Corpus Christi Bay since 1984

Registered Voter?

Yes No

Current resident of the city?

Yes No

40

If yes, how many years?

Curriculum Vitae Duncan Samo.pdf

Upload a Resume

Demographics

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Caucasian/Non-Hispanic

Ethnicity

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Gender

Verification

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I Agree

Consent for Release of Information

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I Agree

Oath

I swear that all of the statements included in my application are true and correct.

I Agree

Board-specific questions (if applicable)

Question applies to WATERSHORE AND BEACH ADVISORY COMMITTEE.

Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Scientist i.e.,(Marine Biologist)

Curriculum Vitae
Duncan Field Samo

EDUCATION:

Secondary School

Rahway High School
Rahway, NJ

Dates Attended

Sept, 1958-May, 1962

Date of Graduation

May, 1962

Newark Preparatory School
Newark, NJ

Sept.1962-May, 1963

May, 1963

College or University

Texas A & I University
Kingsville, TX

Dates Attended

Jan.'71-Aug.'74

Degree

None

Texas A & I University

Aug.'74-Aug.'75

Bachelor of
Science Aug.'75

Graduate or Professional

University of Houston
Houston, TX

Dates Attended

Sept.'76-Aug.'77 Aug.'77

Degree

Master of Education

Baylor College of Medicine
Houston, TX

June'77-Aug.'77 Aug.'77

Certificate (?)

Corpus Christi State University
Corpus Christi, TX

Jan.'85-May'85 &
Jan.'87 -Sept.'87

Undergraduate course work

University of Texas- Austin
Austin, TX

Sept.'87-June'88

Pursuing PhD. Community
College Administration

Undergraduate Studies

Medical Technology, Biology, Chemistry, Mathematics

Graduate Studies

Community College Leadership Program, Education Administration
University of Texas, Austin

Honorary society membership, scholarships, and fellowships

Alpha Chi Honor Society, 1973

Noyes Fellowship -Baylor College of Medicine, 1976-1977

Del Mar College Faculty/Staff Development Grant, May 1985

Curriculum Vitae
Duncan Field Samo

American Society of Clinical Pathologists - Board of Registry

Medical Technologist, MT (ASCP) certification

Aug. 1975 - present

Teaching and Research

<u>Facility</u>	<u>Position</u>	<u>Dates</u>	<u>Subjects Taught</u>
Del Mar College Corpus Christi, TX	Professor Program Director Medical Laboratory Technology Program	8/80-Present	Instrumental Anal., Blood Bank, Immunology/Serology Urinalysis/Parasitology Professional Relations & Medical Ethics. Clinical Supervision
	Associate Professor	09/90	
		90- 2005	
Memorial Medical Center Hospital Corpus Christi, TX	Education Coordinator	8/77	Oversee all aspects in clinical laboratory science
		8/80	
Texas A&I University Kingsville, TX	Laboratory Instructor	8/72	Freshmen Biology Lab Freshmen Chemistry & Physiology Lab
		5/74	
Texas A&I University Kingsville, TX	Research Assistant	Spring Sem.74	Tissue Culture Research

Employment

<u>Facility</u>	<u>Position</u>	<u>Dates</u>	<u>Duties</u>
Del Mar College	Department Chair	8/07-8/15	Department Chair Allied Health
Del Mar College	Professor	8/80-8/15	Program Director Medical Laboratory Technology Program
Memorial Medical Center Hospital Corpus Christi, TX	Education Coordinator	8/77	Oversee all aspects in clinical laboratory sciences
		8/80	
Pasadena Bayshore Hospital (?)	Medical Technologist	10/76-8/77	General duties in all areas of laboratory science
Memorial Medical Center Hospital Corpus Christi, TX	Medical Technologist	8/75-8/76	General duties in all areas of laboratory science
Pan American World Airways, New York, N.Y	Jet Mechanic	2/68-1/71	Maintenance, repair, & service Boeing 727,707 and 747 Aircraft
United States	Jet Mechanic	2/64-2/68	Maintenance, repair & service, Air Force crew chiefC-130 Aircraft

Community Service

During the past 30 years the following activities have documented my commitment to providing service to the Corpus Christi community. A complete listing of my accomplishment in the various community activities may be found in my vitae. The most notable accomplishments have been the following:

Bayfest Inc.

Board of Trustee President - January 2005 to 2010

Operations Co-Chairman 1999 - 2010

General Chairman 1992 - 1993

Various Committee assignments from 1989 to 2010

Leadership Corpus Christi Graduate May 1995

Member of Alumni for Leadership Corpus Christi since May 1995

Corpus Christi Yacht Club

Board of Directors 1995-1997

Served as the following Chairman

Race Committee

Education Committee

Docks and Moorings

Fleet Captain

Education Chairman 2010 -2012

PRO – Changes in Latitudes 2000-2015

Corpus Christi Junior League sponsored Coastal Bend Science &

Engineering Fair Judge 1992 - 1999

American Cancer Society

Cattle Baron's Staging Co-Chairman 2002 - 2003

Board of Directors 1882-1986

Other Committee positions

Midget Ocean Racing Fleet (M.O.R.F.)

Positions held since 1984

Fleet Captain

Wed. Night Handicap Chairman

Columbus Fleet Association

Board of Director 1995 - Present

President, Board of Directors - 1995 - 1996

Instructor - 15th Century Sail & Training Program

Main Mast Captain - Niña & Pinta

Foremast & Gaviero - Santa Maria

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 30, 2015
Status: submitted

Profile

Prefix Kenneth Middle Initial R. Last Name Scott Suffix _____
First Name _____

Email Address

Which Boards would you like to apply for?

CORPUS CHRISTI COMMUNITY IMPROVEMENT CORPORATION / LOAN REVIEW COMMITTEE,
CORPUS CHRISTI DOWNTOWN MANAGEMENT DISTRICT, PORT OF CORPUS CHRISTI AUTHORITY OF
NUECES COUNTY, TX, SISTER CITY COMMITTEE, WATERSHORE AND BEACH ADVISORY
COMMITTEE

Street Address

City

Suite or Apt

State

Postal Code

District 5

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

Primary Phone

Alternate Phone

USCG

Employer

Marine Investigator

Job Title

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

TX

WorkAddress - State

78401

WorkAddress - Zip Code

Work Phone

rob.scott@coldwellbanker.com

Work E-mail address

Home/Primary Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

I do not serve on other City boards, commissions or committees.

Education, Professional and/or Community Activity (Present)

Retiring from United States Coast Guard - 20 years, as Marine Investigating Officer. Studied Landscape Architecture at Virginia Polytechnic Institute and State University (VA Tech) 1991-1995 Studied Military Technical Leadership and Applied Electronics at Thomas Edison State University 2012-2013 Completed Real Estate License Courses and received Salesperson License in June, 2015.

Registered Voter?

Yes No

Current resident of the city?

Yes No

15 months

If yes, how many years?

Please upload any additional supporting documents

Demographics

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Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Verification

City Code Requirement

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I Agree

Oath

I swear that all of the statements included in my application are true and correct.

I Agree

Board-specific questions (if applicable)

Question applies to WATERSHORE AND BEACH ADVISORY COMMITTEE.

Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

None of the above

K E N N E T H R. S C O T T, L T, U S C G

Specialty Areas

- Microsoft Office Applications
 - Innovative Data Compilation/Storing
 - Time Management
- Personality/People Skills
Attention to detail
Expedient problem solver

Bachelor's of Landscape Architecture

3 hours remain

Education *Virginia Institute and State University*

- Internship at Shriver and Holland Architects, Norfolk, VA
- Internship at Anderson & Associates, Inc. Civil Engineering/Survey, Blacksburg, VA

Associates Applied Electrical Technology

Credits complete

Thomas Edison State College, NJ

Experience *Real Estate Associate*

June 2015 to present

Coldwell Banker, Pacesetter Steel Realtors

- Texas Licensed Realtor®
- Member, National Association of Realtors®
- Member, Texas Association of Realtors®
- Member, Corpus Christi Association of Realtors®

Investigations Division Chief,

July 2014 to present

Freedom of Information Act Officer

USCG Sector Corpus Christi, TX

- Carried large investigation load as only investigator in four person division for first six months after assignment.
- Frequent and expedient collaboration with Response Department upon detection of illegal passenger vessel operations or other activity by individuals suspected to be in violation of federal law or regulation.
- Exercised continuous public and industry outreach to discuss changes in applicable laws and regulations to ensure that all operators in the area of responsibility were in compliance.
- Worked closely with various company representatives; established rapport that afforded quick communication of emergent issues and personnel violations over which, the Coast Guard has jurisdiction.

Investigations Division Chief,

July 2011 to June 2014

Freedom of Information Act Officer

USCG Sector Sault Sainte Marie, MI

- As sole marine investigator conducted more investigations than any other unit in District Nine in the Great Lakes Area; all other units had multiple investigator billets.
- Led and documented multiple CG personnel administrative inquiries/investigations. Considered

Experience
Cont'd

Chief, Sector Intelligence,

August 2008 to June 2011

Security Officer

Hampton Roads, Portsmouth, VA

Managed 1 Civilian and 3 active duty (2 officers, one enlisted)
Collected Intelligence Information from human sources through consent based interviews
Analyzed and created intelligence reports
Presented/disseminated threat assessments during various events
Conducted risk assessment, coordination with outside agencies
Oversaw personnel security background completions during HSPD12 for more than 700 personnel
Investigated with any/all personnel issues affecting security clearances; reported to CG Security Center
Hired one civilian in 2010
Compliance reviewed in Human Resource procedures and regulations

Security Investigator

June 2005 to August 2008

Services Officer

Hampton Roads, Norfolk, VA

Conducted interviews with persons involved with marine casualties, drug/alcohol use, and violation of law or an act of negligence
Regularly represented CG at administrative hearings to seek sanction against offending CG parties
Thoroughly prepared case work for all investigations and hearings
Worked closely with attorneys and local police detectives
Attended REID Interview Techniques Seminar

Security Investigation Case Reviewer

December 2003 to June 2005

Washington, D.C.

Reviewed and approved casualty investigation case work for entire CG

- Real Estate License No. 657447, National Association of Realtors, Texas Association of Realtors, Corpus Christi Association of Realtors

Awards, Coast Guard Commendation Medal, Coast Guard Achievement Medal, Navy Achievement Medal

Achievements, ISO 9000 – Trained Quality Auditor

Certifications & Qualified Marine Investigator, Enforcement Investigator, Suspension and Revocation

Associations Investigator, Suspension and Revocation Hearing Investigator and Small Passenger Vessel (Subcommander T) Inspector

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 29, 2015
Status: submitted

Profile

Michael **Starek**
Prefix First Name Middle Last Name Suffix
Initial

[REDACTED]

Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]

Street Address

[REDACTED]

Suite or Apt

[REDACTED]

City

[REDACTED]

State

[REDACTED]

Postal Code

District 4

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]

Primary Phone

[REDACTED]

Alternate Phone

**Texas A&M University-Corpus
Christi**

Employer

Professor

Job Title

6300 Ocean Drive

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

TX

WorkAddress - State

78412

WorkAddress - Zip Code

3618253978

Work Phone

michael.starek@tamucc.edu

Work E-mail address

Work Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

no

Education, Professional and/or Community Activity (Present)

please refer to my resume for more details.

Registered Voter?

Yes No

Current resident of the city?

Yes No

3

If yes, how many years?

Biographical Sketch Starek.pdf

Upload a Resume

Demographics

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Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Verification

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I Agree

Oath

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I Agree

Board-specific questions (if applicable)

Question applies to WATERSHORE AND BEACH ADVISORY COMMITTEE .

Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Engineer

Michael J. Starek

Assistant Professor of GISc and Geospatial Surveying Engineering
School of Engineering and Computing Sciences
Associate Director of the Geospatial Computing Lab
Conrad Blucher Institute for Surveying and Science, Unit 5868
Texas A&M University-Corpus Christi, Corpus Christi, TX 78412

Expertise

LiDAR
UAS for mapping and surveying
Spatial modeling and analytics
Coastal geomatics

Education

University of Florida, Civil Engineering, emphasis in Geosensing Systems Engr., Ph.D., 2008
Texas A&M University-Corpus Christi, Computer Science, M.S., 2002
Texas A&M University-Corpus Christi, Environmental Science, math minor, B.S., 1999

Professional Appointments

Since January 2014, Assistant Professor of GIS & Engineering, Texas A&M University-Corpus Christi
2012 – 2013, Associate Research Scientist, Harte Research Institute, Texas A&M-Corpus Christi
2011 – 2012, Research Associate/Research Assist. Professor, North Carolina State University
2009 –2011, National Research Council Postdoctoral Fellow of US Army Research Office

Selected Publications

1. E.B. Taylor, J.C. Gibeaut, D.W. Yoskowitz, and Michael J. Starek, Assessment and Monetary Valuation of the Storm Protection Function of Beaches and Foredunes on the Texas Coast, *Journal of Coastal Research*, 2015.
2. N.J. Lyons, M.J. Starek, K. Wegmann and H. Mitasova, (2015). Bank erosion of legacy sediment at the transition from vertical to lateral stream incision. *Earth Surface Processes and Landforms*.
3. Z. Pan, J.C. Fernandez-Diaz, C. Glennie, and M.J. Starek, Comparison of Bathymetry and Seagrass Mapping with Hyperspectral Imagery and Airborne Bathymetric LiDAR in Shallow Estuarine Environment, *Int. Journal of Remote Sensing* (in review; second revision 2015)
4. M.J. Starek, T. Davis, and D. Pouty, Small-scale UAS for Geoinformatics Applications on an Island Campus, in *Proceedings of IEEE Ubiquitous Positioning, Indoor Navigation, and Location-based Services*, Corpus Christi, TX, November 2014
5. M.J. Starek, H. Mitasova, K.W. Wegmann, and N. Lyons, Space-Time Cube Representation of Stream Bank Evolution Mapped by Terrestrial Laser Scanning, *IEEE Geoscience and Remote Sensing Letters*, DOI 10.1109/LGRS.2013.2241730m Vol. 10 (6), Nov. 2013 .
6. P. Paris, M.J. Starek, E. Hardin, O. Kurum, M. Overton, and H. Mitasova, Lines in the Sand: Geomorphic and Geospatial Characterization and Interpretation of Sandy Shorelines and Beaches, *Geography Compass*, 2013.
7. M.J. Starek, R.J. Vemula, K.C. Slatton, and R.L. Shrestha, Probabilistic Detection of Morphologic Indicators for Beach Segmentation with Lidar Time Series, *IEEE Transactions on Geoscience and Remote Sensing*, 50 (11), 2012.

Synergistic Activities

Professional Outreach: Reviewer for several remote sensing, coastal science, and geomatics journals including PE&RS, *Journal of Coastal Research*, and *IEEE Transactions on Geoscience and Remote Sensing*; Member of ASPRS, AGU, IEEE, ASCE, and ASBPA; Serve as IEEE Corpus Christi Treasurer

and Member of American Shore and Beach Preservation Association (ASBPA) Students & New Professionals Committee. University Representative for the NSF/NASA UNAVCO consortium

Education Outreach: Active in advancing education initiatives by conducting k-12 and two-year community college education outreach including volunteering for the Regional Science Fair, Coastal Bend Engineering Competition, GIS Day, and working with Del Mar college GIS program for providing student research experiences in geospatial technology. Development of professional short courses including: UAVs for Surveying, North Carolina Professional Surveyors (October 2014); Student Career Development Workshop, ASBPA National Conference (October 2013, October 2014); Lidar Data Processing Training Workshop for US Army GEOINTEL, Fort Bragg, NC (March 2012)

Recognition: Recipient of Lights and Mirrors Award at USACE Coastal Charting and Mapping Workshop (2011); Awarded two NRC Postdoctoral Research Associateships from the US Army Research Office and US Air Force Research Lab (2009; accepted ARO award); Named semifinalist in the International Science and Engineering Visualization Challenge sponsored by the National Science Foundation and the Journal Science (2007); Chi Epsilon Civil Engineering Honor Society (inducted in 2007); University of Florida Alumni Fellowship (2004-2008)

Mentoring: Serve as advisor for students in geospatial surveying engineering, geographic information science, environmental science, and coastal and marine system science at the BS, MS, and PHD level. Presently: mentor three undergraduate research students, serve as chair for four Master's students and committee member for four Master's students, and chair for two doctoral students.

Course instructed: remote sensing (undergraduate), photogrammetric engineering (graduate), geospatial analysis (graduate)

Collaborators

Bruce Blundell (ERDC Topographic Engineering Center), James Gibeaut (Harte Research Institute), Craig Glennie (University of Houston), Russell S. Harmon (ERDC International Research Office Director), John G. Harris (University of Florida), Kittipat Kampa (Amazon), Andrew Kennedy (Univ. of Notre Dame), Heezin Lee (University of California at Berkeley), Helena Mitsova (North Carolina State University), Margery Overton (North Carolina State University), Shachak Pe'eri (UNH/NOAA), Ramesh L. Shrestha (University of Houston), Karl Wegmann (North Carolina State University)

Current Research Projects

(Co-PI) NSF MRI: Development of an Integrated Gas Monitoring and Source Identification Unmanned Aircraft System for Exploration, Compliance and Assessment; 2016-18, \$539,998

(PI) G. Jeffress, J. Rizzo (Co-PI), M. J. Starek (Co-PI), R. Chen (Co-PI) *Regional Geospatial Modeling for Gulf of Mexico*, NOAA/NGS, FY 2014-15 Year 2 award of \$700,000; Requested total award of \$5,462,808 over 5 Years (Years 3 – 5 contingent).

(PI) M.J. Starek, J. Gibeaut (Co-PI), *High-Resolution Lidar Observations of Rookery Islands to Define A Monitoring Benchmark*, Texas General Land Office / NOAA CMP, 2014-2015, \$93k

(PI) M.J. Starek, (Co-PI, UC Berkeley) H. Lee, *Development of Probabilistic Clutter Maps within Complex Forested Terrain*, USACE ERDC, 2014-2016 , FY 2014-15 Year 1 award of \$109,900, FY 2015-16 Year 2 renewal award of \$132,402 (contingent)

(PI) M.J. Starek, (Co-PI) J. Gibeaut, *Development of Geospatial Techniques for a Marsh Observatory through the Integration of UAS and Field Measurements*, Texas Research Development Funding, 2014-15, \$20k

(PI) M.J. Starek *Campus Student Surveying Project* (ongoing), Internally funded by TAMUCC Physical Plant (not competitive), Funded annually at ~\$20,000k

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 02, 2015
Status: submitted

Profile

Prefix	Mukesh	Middle Initial	Subedee	Suffix
	First Name		Last Name	

[REDACTED]

Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]

Street Address

[REDACTED]

City

[REDACTED]

Suite or Apt

[REDACTED]

State

[REDACTED]

Postal Code

District 2

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]	[REDACTED]
Primary Phone	Alternate Phone
Harte Research Institute for Gulf of Mexico Studies	Geospatial Research Programmer
Employer	Job Title

6300 Ocean Drive, Unit 5869

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

Texas

WorkAddress - State

78412

WorkAddress - Zip Code

3618252003

Work Phone

mukesh.subedee@tamucc.edu

Work E-mail address

Work Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

I don't currently serve on any City board or committee. However, I have always been part of a community organization, in various ways, wherever I have lived that work on different environmental issues. I have been to one of the meetings of this committee and has really liked the issues that this committee deals with, and would like to be part of it.

Education, Professional and/or Community Activity (Present)

Education: M.S. in Geographic Information Science and Remote Sensing - Clark University, MA - Graduation: May 2014 M.S. in Computer Science - University of Nebraska-Lincoln, NE - Graduation: Aug 2010 B.S. in Computer Engineering - Tribhuvan University, Nepal - Graduation: Mar 2006 Professional Activity: Geospatial Research Programmer - Harte Research Institute (HRI) - Aug 2014 to present

Registered Voter?

Yes No

Current resident of the city?

Yes No

1 year

If yes, how many years?

CV_MukeshSubedee.pdf

Upload a Resume

Demographics

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Asian or Pacific Islander

Ethnicity

Male

Gender

Verification

City Code Requirement

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Oath

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I Agree

Board-specific questions (if applicable)

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Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Environmentalist

Mukesh Subedee

Education

- Master of Science, Geographic Information Science and Remote Sensing** 08/2012 - 05/2014
Clark University, Worcester, Massachusetts
- Master of Science, Computer Science** 08/2008 - 08/2010
University of Nebraska-Lincoln, Lincoln, Nebraska
- Bachelor of Engineering, Computer Engineering** 08/2001 - 03/2006
Advanced College of Engineering and Management, Tribhuvan University, Nepal

Professional Experience

- Geospatial Research Programmer** Harte Research Institute, TAMU-CC 08/2014 - present
- Working as geospatial lead of the project "Living with Sea Level Rise in Texas" to evaluate local impacts of storm surge and sea level rise in the Galveston Bay using GIS, LiDAR and marine processes data
 - Managing the project by coordinating and tracking a team of two graduate students and two staffs along with two research groups in Harte Research Institute (HRI)
 - Assisting field work by performing coastal elevation surveys to monitor changes to beach and dune systems and marsh environments
- GIS Research Consultant** Wildlife Conservation Society 01/2014 - 02/2015
- Provided consulting for Wildlife Conservation Society on marine habitat research, and mapping different marine habitats in Myanmar coast using Landsat 8 satellite imagery in collaboration with the Clark Labs' consulting service
- Teaching Assistant** Clark University 02/2013 - 05/2014
- Conducted lab session, provided support and tutor students in the lab, trouble-shot ArcGIS and IDRISI related issues for 25+ graduate students, assisted with course related administrative tasks and graded problem sets for graduate-level course - 'Introduction to GIS' in Fall 2013 and Spring 2014 semester
 - Provided support and tutor students in the class, assisted students on the projects related to crowdsourced mapping and mobile technologies, and graded problem sets for graduate-level course - 'GIS for International Development' in Spring 2013 semester
- NOAA-NGI Diversity Intern** NOAA-NGI Diversity Internship Program 05/2013 - 08/2013
- Conducted extensive research related to time-series analysis of status of Cedar Bayou, a natural pass connecting the Gulf of Mexico and Mesquite Bay in Texas, based on morphologic responses of the pass to past processes using LiDAR, aerial imagery, wave statistics, and other process information
 - Prepared maps, figures and text for the project report submitted to Clark University and poster presented on NESTVAL Conference
- US Geological Survey Intern** USGS-Western Fisheries Research Center 10/2012 - 02/2013
- Helped USGS Web Feature Service (WFS) developer team in the research, configuration and coding of Open Geospatial Consortium (OGC) compliant Web Feature Services (WFS) for National Atlas of United States
- Information Technology Specialist** USGS-Western Fisheries Research Center 09/2010 - 09/2012
- Collaborated with team to develop and code new set of Web Map Service (WMS) functionalities using MapServer, Python MapScript and OpenLayers for National Atlas of United States, and test it with QGIS and ArcGIS.
 - Lead research on the effective preparation and delivery of OGC compliant WMS in National Atlas

- Set up and maintained database and development servers to develop the generation and deployment of WMS with both MapServer and ArcGIS Server for National Atlas of the United States and also for the Information System Templates developed for Coastal Biogeographic Risk Analysis Tool (CBRAT)
- Assisted on migration of Microsoft Access bioinformatics database of CBRAT to the web to do the spatial queries
- Provided diagnosis and troubleshooting of software related problems in the organization. Carry out research on available software development products, identified suitability of products for scientific and administrative activities for both CBRAT and National Atlas projects.

Graduate Research Assistant University of Nebraska-Lincoln 01/2009 - 07/2010

- Studied and developed an optimization mechanism for joint scheduling of computing and network resources on lambda grid/cloud network using C++ under the supervision of Prof. Byrav Ramamurthy
- Collaborated on the development of networking test bed called GpENI for testing future protocols and services with researchers in USC/ISI East and other four mid-western universities (KU, KSU, UNL, UMKC). Set up and maintained the UNL Node Cluster (with five servers and a Netgear switch) of GpENI, and maintained and updated UNL's progress in the GpENI website

Graduate Teaching Assistant University of Nebraska-Lincoln 08/2008 - 05/2010

- Conducted class/lab while Professors were unavailable, helped students on homeworks/labs, graded homeworks/labs, and prepared questions and their solutions of homeworks/quizzes for 'Numerical Analysis I', 'Digital Image Processing', 'Computer Science I', and 'Automata and Computation Language' in four different semesters for undergraduate Computer Science students

Assistant Lecturer Khwopa Engineering College, Nepal 05/2006 - 06/2008

- Lectured, prepared exams/quizzes, graded homeworks/exams and conducted lab for the undergraduate level courses - 'Data Structure and Algorithm', 'Operating Systems', 'Digital Image Processing', 'Software Engineering' for Bachelor of Computer Engineering students
- Supervised two Bachelor of Computer Engineering final years' projects related to Image Processing - 'Character Recognition System' and 'Face Recognition System'

Part-time Assistant Lecturer WhiteHouse College of Engineering, Nepal 06/2007 - 06/2008

- Taught and supervised labs for the undergraduate level courses - 'Geographical Information System' and 'Software Engineering' for Bachelor degree in Computer Engineering students.

Publication

- Holmes, K.E., Tint Tun, Kyaw Thinn Latt, **M. Subedee**, S. V. Khadke, A. E. Hostetler, Co. Poole, R. Tizard, T. Myint, and S. Htun. 2015. Marine conservation during radical transformation: The current state of marine knowledge in Myanmar and implications for conservation (Manuscript in Preparation)
- Holmes, K.E., Tint Tun, Kyaw Thinn Latt, **M. Subedee**, S. V. Khadke, and A.E. Hostetler. 2014. Marine Conservation in Myanmar - The current knowledge of marine systems and recommendations for research and conservation. Yangon, WCS and MSAM. 198 pp.
- **Subedee, M.**, S. V. Khadke, A. E. Hostetler and K. E. Holmes. 2014. Marine Habitat Mapping for Myanmar's Critical Corridors. Final Report submitted to the Wildlife Conservation Society. Clark University. 20 pp.
- **Subedee, M.** 2010. Co-scheduling of Resources in a Lambda Grid/Cloud Environment. UNL CSE Masters' Report, University of Nebraska-Lincoln. 83 pp.

Presentations

- **Subedee, M.**, S. Khadke & A. Hostetler, “Mapping Marine and Coastal Habitats in Taninthayi Marine Corridor, Myanmar”, Wildlife Conservation GIS Research Seminar, Wildlife Conservation Society (WCS), May 2014, Bronx, NY (Oral)
- **Subedee, M.**, J. Gibeaut & D. Del Angel, “Time Series Analysis of Cedar Bayou”, The New England-St. Lawrence Valley Geospatial Society (NESTVAL) Conference, October 2013, Worcester, MA (Poster)
- **Subedee, M.** & R. Nehmer, “Overview of using and creating Web Map Services”, 2012 Oregon Coastal Web Mapping and Geo-enabled Tools Meeting, Central Coast GIS Users Group, May 2012, OR (Oral)
- **Subedee, M.**, P. Angu, B. Ramamurthy & K. G. Christensen (2010), “GpENI@UNL: UNL Contributions to a Regional Network Testbed”, GPN2010: The Great Plains Network Annual Meeting, June 2010, Kansas City, MO. (Poster)
- Angu, P., **M. Subedee**, B. Ramamurthy, X. Yang & T. Lehman, “Inter-Domain Dynamic Circuit Network Creation”, IEEE GLOBECOM, December 2010, Miami, FL. (Demo)

Technical and Field Skills

Applications/Tools:- ArcGIS (Desktop, Server and Online), IDRISI, ERDAS Imagine, LAStools, GeoDa, MapServer, MapScript, PostgreSQL, PostGIS, OpenLayers, SLAMM, Hazus-MH, Grapher, R, SPSS, Latex
Programming Languages:- Python, MATLAB, C, C++, Visual Basics, html, css, xml, PHP
Field Skills:- Real-time Kinematic (RTK) GPS base station and rover operation, Sokkia total station operation, Trimble GeoXT handheld GPS receiver operation

Awards and Honors

- IDCE Tuition Fellowship, Clark University, Worcester, MA, Fall 2012 - Spring 2014
- Travel Award for 6th, 7th and 8th GENI Engineering Conference (GEC), Salt Lake City 10/2009, Durham 03/2010 and San Diego 07/2010
- **Outstanding Graduate Student Poster Award** in GPN2010: The Great Plains Network Annual Meeting, Kansas City, Missouri, June 2010
- Certified International Teaching Assistant, Institute of International Teaching Assistants (ITA), University of Nebraska - Lincoln, August 2009

Community Services

- Co-founder and President, The SNEHA Foundation (an NPO registered in the State of Maryland to support Nepal's education and health advancement), 08/2011 - present
- Member, Environmental Graduates in Himalaya, Resources Himalaya Foundation, Kathmandu, Nepal, 11/2011 - present
- Site Coordinator, 24th Annual REC Earth Day Cleanups 2013, Worcester, MA, 04/27/2013
- International Student Representative, IDCE Student Association, Clark University, 2013
- Organizing Committee Member, 2012 Oregon Coastal Web Mapping and Geo-enabled Tools Meeting, Newport OR, 05/16/2012
- Judge, ACM North Central Regional Programming Contest 2009, Lincoln NE, 10/31/2009
- President, Nepalese Student Association, UNL (NSA-UNL), Lincoln NE, 07/2009 - 06/2010

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD,
COMMISSION OR COMMITTEE FOR THE
City Of Corpus Christi

Submit Date: Sep 15, 2015
Status: submitted

Profile

Dr. **Philippe** **Tissot**
Prefix First Name Middle Last Name Suffix
Initial

[REDACTED]

Email Address

Which Boards would you like to apply for?

WATERSHORE AND BEACH ADVISORY COMMITTEE

[REDACTED]

Street Address

[REDACTED]

Suite or Apt

[REDACTED]

City

[REDACTED]

State

[REDACTED]

Postal Code

District 2

What district do you live in?

Please [CLICK HERE](#) for a map to verify your district assignment.

[REDACTED]

Primary Phone

[REDACTED]

Alternate Phone

**Texas A&M University-Corpus
Christi**

Employer

Associate Research Professor

Job Title

6300 Ocean Dr.

WorkAddress - Street Address and Suite Number

Corpus Christi

WorkAddress - City

Texas

WorkAddress - State

78412

WorkAddress - Zip Code

361-825-3776

Work Phone

philippe.tissot@tamucc.edu

Work E-mail address

Home/Primary Address

Preferred Mailing Address

Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list:

I do not currently serve on any City board, commission or committee.

Education, Professional and/or Community Activity (Present)

Present activity: Associate Research Professor and Associate Director of the Conrad Blucher Institute both at Texas A&M University-Corpus Christi. I have been studying and modeling coastal physical processes for more than 15 years. Education consist of Physics Engineering Diploma (MS) and Nuclear Engineering Phd.

Registered Voter?

Yes No

Current resident of the city?

Yes No

16 years

If yes, how many years?

Biosketch_Tissot_City_Fall2015.pdf

Upload a Resume

Please upload any additional supporting documents

Demographics

Completion of this information is VOLUNTARY. The City will use this information for statistical purposes only, such as tracking the diversity of board and commission appointees. By providing this information, you will help us ensure that appointments represent a broad cross-section of the community.

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Verification

City Code Requirement

As a board, commission, or committee member, you will be asked to adhere to: City Code of Ordinances, Section 2-65, states that all members of city boards and commissions, including ad hoc committees, appointed by the city, must be residents of the city. A move outside the city limits of the city by any member shall constitute automatic resignation from the particular board or commission on which such member served. City Code of Ordinances, Section 2-61, provides that absences from more than 25% of regularly scheduled meetings during a term year on the part of any board, commission or committee member shall result in an automatic termination. An absence shall be deemed unexcused unless excused by the board, commission or committee for good cause no later than its next meeting after the absence.

I Agree

Consent for Release of Information

I understand that if any member of the public makes a request for information included in this application for appointment must be disclosed under the Public Information Act. I also understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of Corpus Christi, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act.

I Agree

Oath

I swear that all of the statements included in my application are true and correct.

I Agree

Board-specific questions (if applicable)


Question applies to WATERSHORE AND BEACH ADVISORY COMMITTEE .

Per city ordinance, the committee must include members representing certain categories. Do you qualify for any of the following categories? *

Engineer

Philippe E. Tissot

Conrad Blucher Institute and Department of Physical and Environmental Sciences
Texas A&M University-Corpus Christi



Biosketch:

Dr. Tissot is the Associate Director for the Conrad Blucher Institute and an Associate Research Professor at Texas A&M University-Corpus Christi. His research focuses on the analysis and prediction of coastal physical processes. Projects include developing operational predictions for navigation and emergency management, work on sea level rise and its impact and the development of mobile apps to better communicate this information. Dr. Tissot has authored or co-authored 24 peer reviewed articles, over 120 proceedings, abstracts and technical presentations, a Physical Science text book for future K-12 teachers, and 2 US Patents. Prior to joining TAMUCC in 1999, Dr. Tissot was a research scientist at a private research institution working on R&D projects including developing prototypes for companies in the areas of oil exploration, environmental assessment, semiconductor materials analysis, and treatment of engineered wood materials.

Professional Preparation

Swiss Federal Institute of Technology	Engineering Physics	Diploma, 1987
Texas A&M University	Nuclear Engineering	Ph.D., 1994

Appointments

2013-present	Associate Research Professor, College of Science & Engineering
2011-present	Associate Director, Conrad Blucher Institute for Surveying and Science
2009-2011	Assistant Director, Conrad Blucher Institute for Surveying and Science
2007-2013	Associate Professor of Physics
2006-2007	Coordinator for the Coastal and Marine System Science (CMSS) PhD program,
2003-2006	Coordinator of the Science, Math & Technology Education (SMTE) program, TAMU-CC.
2001 –2007	Assistant Professor of Physics and Physical Science
2001	Visiting faculty intern at Advanced Micro Devices Process Characterization and Analysis Laboratory (pcal), Austin, Texas.
1999 – 2001	Assistant Research Scientist at the Conrad Blucher Institute, TAMU-CC.
1996 – 1999	Institutional Radiation Safety Officer for the Houston Advanced Research Center.
1995 – 1999	Research Associate / Research Scientist at the Technology Development Laboratory (TDL) of the Houston Advanced Research Center (HARC).

Selected Recent Publications & Reports (Past 5 years)

Collins, W. and Tissot, P. (2015) “An Artificial Neural Network Model to Predict Thunderstorms within 400-km² South Texas Domains” Meteorological Applications, doi: 10.1002/met.1499.

Tissot, P., Stephen, D, Fonseca, D., Chau, H., Tran, D., Pulgarin, L. and Letlora, S. (2015) “Weather for the Road: a Mobile Solution”. Presentation at the 13th Symposium on the

- Application of Artificial Intelligence to Environmental Sciences, part of the AMS 95th Annual Meeting, 4-8 January 2015, Phoenix, Az. [Available online at <https://ams.confex.com/ams/95Annual/videogateway.cgi/id/29823?recordingid=29823>].
- Tissot, P., Dell, L., Rizzo, J. and Williams, D. (2015) "Nearshore Measurements of Wave Climate and Current Profiles along the Texas Coastal Bend". Proceedings of and oral presentation at the 13th Symposium on the Coastal Environment, part of the AMS 95th Annual Meeting, 4-8 January 2015, Phoenix, Az. [Both available online at <https://ams.confex.com/ams/95Annual/webprogram/Paper269560.html>].
- Reid, S., Tissot, P.E. and Williams, D. (2014) "Methodology for Applying GIS to Evaluate Hydrodynamic Model Performance in Predicting Coastal Inundation", *Journal of Coastal Research*, accepted, JCOASTRES-D-13-00160.
- Tissot, P., Rizzo, J. and Williams, D. (2014) "Nearshore Measurements and Correlations of Wave and Current Profiles", oral presentation at the 2014 American Shore and Beach Preservation Association National Conference, October 15-17, 2014, Virginia Beach, Virginia.
- Tissot, P., Zhu, W.B., Duff, S., Martin, D., Rink, M. and Rizzo, J. (2014) "Development, Assessment and Implementation of an Automated Gap Filling Method for Tide Stations with Dual Water Level Sensors", oral presentation and proceedings of Oceans' 14, September 15-18, St. Johns, Newfoundland, CA. doi: 10.1109/OCEANS.2014.7003065.
- Rizzo, J., Tissot, P. and Duff, S. (2014) "The Texas Coastal Ocean Observation Network", oral presentation and proceedings of Oceans' 14, September 15-18, St. Johns, Newfoundland, CA. doi: 10.1109/OCEANS.2014.7003131.
- Besonen, M., Zimba, P., Hill, E., Tissot, P., McKay, M., Nicolau, B., Hu, X., and Silliman, J. (2014) "Long-term Water Quality and Environmental Changes in Baffin Bay as Inferred from Sediment Cores—Preliminary Results". Presentation at the 2014 Texas Bays and Estuaries Meeting, April 23-24, Port Aransas, TX.
- Wade, H., Tissot, P. and McLaughlin, R. (2014) "Quantitative Modeling of Flood Insurance Claims, Inundation, and Sea Level Rise as a tool for Coastal Planning and Policy". Poster presentation at the Planning for Disaster Resilience Symposium, College Station, TX, April 4-5, 2014.
- Starek, M., Bridges, J., Bridges, D. and Tissot, P. (2014) "Unmanned Aerial System for Coastal Reconnaissance of the Near-shore Zone". Presentation at the ASPRS 2014 Annual Conference, March 23-28, Louisville, KY.
- Besonen, M. Zimba, P., Hill, E., Tissot, P., McKay, M. and Silliman, J. (2013) "Finding the Baseline – Putting Recent Eutrophication of Two South Texas Coastal Water Bodies Into Perspective by Using Sedimentary Records to Examine the Long-Term, Natural Variability of the Systems", poster presentation OS23C-1669, 2013 AGU Fall meeting, December 9-13, 2013, San-Francisco, CA.
- Froeschke, B., Tissot, P., Stunz, G. and Froeschke, J. (2013) "Spatio-temporal predictive models for juvenile Southern Flounder in Texas estuaries. *North American Journal of Fisheries* 33(4), August 2013; 817-828. doi: 10.1080/02755947.2013.811129.
- Dalthorp, M., Naehr, T. and Tissot, P. (2013) Relationship of Subsurface Reservoir Properties and Hydrocarbon Sea Surface Surface Slicks in the Northern Gulf of Mexico". In book: *Hydrocarbon Seepage: From Source to Surface*, Chapter: 12, Publisher: Society of Exploration Geophysicists and American Association of Petroleum Geologists, Editors: F. Aminzadeh, T.B. Berge, D.L. Connolly, pp.185-198, 01/2013;

DOI:doi:10.1190/1.9781560803119.ch12.

- Warner, N. and Tissot, P.E. (2012). "Storm Flooding Sensitivity to Sea Level Rise for Galveston Bay, Texas", *Ocean Engineering*, Volume 44, pp 23-32.
- Warner, N., Sterba-Boatwright, B., Tissot P., and Jeffress, G. (2012) "Storms, Sea Level Rise and Estimated Increase in Inundation Probability with Confidence Intervals for Galveston, Texas", in *Estuarine Modeling 2011*, ISBN 9780784412411.
- Reid, S. and Tissot, P.E. (2012). "Hydrodynamic Model Implementation for Navigation Support in Corpus Christi Bay", in *Estuarine Modeling 2011*, ISBN 9780784412411.
- Tissot, P.E. (2012) "Climate Change and the Gulf Coast". Invited presentation, Texas Center for Climate Studies 'Gulf of Mexico Regional Climate Modeling Workshop', May 30-31, 2012, College Station, Texas.
- Tissot P.E. and Martin, D. (2011) "Determining the Tidal or Non-Tidal Nature of Indian River Water Level Stations". Report to Cooner and Associates, Land O'Lakes, Florida and the Florida Department of Environmental Protection, Tallahassee, Florida.
- Simoniello, C., P.E. Tissot, D. McKee, J. Adams, R. Ball and R. Butler. (2010) "Cooperative Approach to Resource Management: Texas Gamefish Win" *Journal of the Marine Technology Society*, Scientific Note, 44 5: 5-9.

Patents

- John Colvin, Charles Vignal, Philippe Edouard Tissot, and Larry Raymond Crowe "Resin-Impregnated Substrate, Method of Manufacture and System Therefor", US Patent US 6,620,459 B2, Sept. 16, 2003.
- John Colvin, Charles Vignal, Philippe Edouard Tissot, and Larry Raymond Crowe "Resin Impregnated Substrate Materials", US patent US 7,585,566, 9/8/2009.

Course Book

- Reid G. and Tissot, P. (2009) "A Teacher's Guide to Physical Science", Kendall Hunt, Dubuque, Iowa. ISBN 978-0-7575-6268-6.

Synergistic Activities

- Development and online implementation of real-time predictive models based on machine learning techniques. Operational models now include: 14 locations for water level predictions, 1 for current predictions, 2 for water temperature predictions. Locations are along the Texas coast to help enhance navigational safety and were used (Dec 2009, Feb 2011) to interrupt barge traffic < <http://www.cbi.tamucc.edu/cbi/Predictions/>>.
- Conducted research on coastal safety including on the occurrence of rip currents in South Texas and navigational safety in Texas waterways. The rip current study led to improved public outreach and signage near piers and jetties where rip currents were found to take place most often. Public outreach is continued through TV interviews and feedback to local entities.
- Committed to mentoring undergraduate researchers (over 40 since 2000) from all background and giving them important tasks allowing them to grow and excel. 11 have since pursued a MS degree, 2 a PhD. Resulted so far in 2 Journal publications, 42 abstracts and posters, 17 awards (Sigma Xi, ERF, NOAA, TAMUCC). 2 students were awarded the NOAA's Ernest F. Hollings Undergraduate scholarships. Was awarded the 2007 TAMUCC Faculty advisor of the year award in part related to this mentoring activity.
- Set up and coordinated the TAMU-CC Science, Mathematics, and Technology Education (SMTE) program for the preparation of future Math and Science teachers (2003-2006) and

advised future science teachers 2003-2012. Teaching, outreach and research in the field led to the book: G. Reid & P. Tissot, (2009), "A Teacher's Guide to Physical Science", Kendall Hunt, Dubuque, Iowa. ISBN 978-0-7575-6268-6.

Other Service to the Community

TV and Radio interviews (KEDT, Caller Times, KRISTV, KEDT, Univision) for the past four years to help the community get ready for Hurricane Season. Examples still available online:

- KiiiTV: <http://www.kiiitv.com/story/25575375/know-your-coastal-bend-flood-zone>
- KiiiTV: <http://www.kiiitv.com/story/25645904/tamucc-professor-discusses-potential-threats-of-a-hurricane>
- TAMUCC archives:
<http://www.tamucc.edu/news/2013/09/Peak%20of%20Hurricane%20Season%20.html>
- KiiiTV: <http://www.kiiitv.com/story/23384800/halfway-through-hurricane-season-dont-let-guard-down>
- Bay Area Citizen: http://www.yourhoustonnews.com/bay_area/news/hurricane-season-peak-is-sept-expert-warns-don-t-let/article_cb979c9e-f255-5779-8b7c-6c20d492b5a0.html
- Nueces County Record Star: http://www.recordstar.com/news/article_6e5a5d0c-40a4-5a69-8f5e-be830349f2d6.html

Gave a series of interviews on the dangers of rip currents including:

- - KiiiTV: <http://www.kiiitv.com/story/18876714/expert-warns-of-rip-currents-near-piers-and-jetties>
- - TAMUCC archives:
<http://www.tamucc.edu/news/2012/07/TissotStudyRipCurrents.html>

Provided advice to the city of Corpus Christi regarding relative sea level rise in the Coastal Bend to help decision making regarding the Corpus Christi Marina (Peter Davidson and other city staff, September 2011).

Provided advice to the Houston/Galveston National Weather Service Office on modifications of surge rules for Galveston Bay after the removal of the Pleasure Pier tide station and replacement with the North Jetty tide station (summer 2011).

Provided from 2009 to 2014 water temperature predictions for the Laguna Madre to several groups. Provided the guidance for the economically efficient closure of the Laguna Madre to barge traffic during the winters of 2010 and 2011. During closure of the waterway in 2011, over 1400 turtles were stranded with about 2/3 surviving. The model, predictions and closure of the waterway likely helped.

Thesis Advisor (Past 5 years)

Chair: Natalya Warner (PhD), Felischa Cullins (MS), Shanon Parham (MS), James Davis (MS).
Co-chair: Robyn Ball (MS), Yelena Nevel (MS), Dan Prouty (PhD), Elizabeth Shanks (MS, PhD). Total Advised (Chair/Co-Chair): Ph.D. 3, MS 13. Member of number of other PhD and MS advising committees.

Awards

2010: Recipient of a Spring 2010 Texas A&M University System Chancellor Teaching Excellence Award (\$5,000). One of three TAMUCC faculty to score in top 5 percent.

2007: Texas A&M University-Corpus Christi Faculty Advisor of the year.