



Honor Society of Nursing  
Sigma Theta Tau  
International

# Rho Chapter

The University of Michigan  
Chartered 1959

Web Page: <http://www.nursing.umich.edu/stti>

Winter 2003  
Vol. 44, No. 1

## *Spring Awards Ceremony and Tea, March 9, 1:00 PM to 3:30 PM*

The Rho Chapter Awards For Excellence will be presented on March 9 at the Matthaei Botanical Gardens, 1800 North Dixboro Road, Ann Arbor 48105. The Awards Ceremony will be held at 1:30 PM, It will be held in conjunction with a sumptuous Afternoon Tea and live music with an opportunity to enjoy the indoor tropical gardens. This is a Free Event. Raffle tickets will be sold. All proceeds will support international students' membership and Rho Chapter. Plan to join us for a memorable afternoon. **Please RSVP to Cecilia Trudeau by Friday, March 7, for catering purposes.**

**Phone: (734) 936-8955, Fax: (734) 763-4189; or email: [ctrudeau@umich.edu](mailto:ctrudeau@umich.edu)**

Some new awards were proposed this year by the Awards Committee and approved by the Board of Directors. These include the Rising Star, Distinguished Service, and Student Leadership. Specific information about the new awards as well as the previously established awards is available on the Rho Chapter website.

<http://www.nursing.umich.edu/stti/>

### **The awards and awardees are:**

Excellence in Nursing Leadership: Victoria Averhart

Excellence in Education: Valerie Spotts

Excellence in Nursing Practice: Megan Eagle

Rising Star: Heather Livermore

Distinguished Service: Roberta Asplund

Student Leadership: Elise Erickson

Cathy Fanone

Ewurabena (Robbie) Menyah

Kierste Munding

Elizabeth VanHall

Please come and help us honor these outstanding awardees



## *We Live in Troubled Times*

Elizabeth Beattie, PhD, RN  
President, Rho Chapter

We live in troubled times, poised on the brink of war, with all that this may mean for our armed forces, the international community and those at home. Nurses working in many different contexts, in the US and globally, will care for the victims of terror and war, and those who come into harms way protecting us, as we have throughout history. At the University of Michigan School of Nursing a task force assembled around War, Health & Ethics, led by Drs Alice Davis and Elizabeth Allen, is running a seminar series to educate the public and health professionals, and assist with preparedness for emergencies. You can find seminar details on our web site at <http://www.umich.edu/%7Ewhae/>. As you go about your lives in these challenging days, whatever your political views, remember nurses serving in our armed forces and nurses who wait at home, separated from a partner, husband, brother, sister, son, daughter or parent called to serve. Think also about Iraqi nurses at home, or in exile from their homeland. Remember we are bound in one vision: To create a global community of nurses who lead in using scholarship, knowledge and technology to improve the health of the world's people. There is no chapter of Sigma Theta Tau International in Baghdad. I hope one day there will be.

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## *2002-2003 RHO Chapter Board And Committees*

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**Nominating Committee:**  
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delliott@umich.edu

**Communications Committee:**  
Website: Ruth Barnard  
Newsletter Editors (This Issue): Elizabeth Beattie  
and Ruth Barnard

### **Call for Research/Special Project Proposals September 30**

The next deadline for submission of proposals is September 30, 2003. Please see the information on the chapter webpage for detailed requirements. The web address is: <http://www.nursing.umich.edu/stti/grants/apply.html>

Jane Anderson, Chair  
Research and Special Projects Committee

## *Join Rho Chapter's Team*

### **Memory Walk for Alzheimer's Disease**

**Sunday, October 5, at Gallup Park  
Registration at 12 Noon**

**For details,  
call Sue Fink (734) 763-1516**

Rho Newsletter, supported by member dues, is published three times a year: Fall, Winter, and Spring/Summer. **We welcome your comments and news about STT Rho member's activities.** Send your contributions via email or disk by the 15th of April, July, and November, to Newsletter Editor, Rho Chapter, STTI, c/o Elizabeth Beattie, Rho President, University of Michigan, 400 N. Ingalls, Ann Arbor, MI 48109-0482, (734) 647-9331, ebeattie@umich.edu

## A Few Nominations Still Needed

The Nominating Committee is soliciting members for the Rho Chapter 2003 ballot. We are looking for a few to complete the ballot. The bylaws require 2 names for each position on the ballot. We need your advice and help. If you have suggestions for the Nominating Committee, please contact me.

Dottie Elliott, Chair, Nominating Committee  
delliott@umich.edu or call W (734) 647-0338

## Looman Proposal Funded by Chapter

Upon the recommendation of the Research/Special Projects Committee, Wendy Looman, U-M doctoral nursing student, received \$1,000 to support her research project, entitled, "Measuring Social Capital in Families of Children with Chronic Conditions: Instrument Development and Testing."

Jane Anderson  
Chair, Research/Special Projects Committee

## Otosopes for Nurses in Haiti

Rho Chapter donated \$632 to purchase otosopes for nurses at Hôpital Sainte Croix (Holy Cross Hospital) in Léogâne, Haiti, a hospital established under the Episcopal Diocese of Haiti and partially supported by the Presbyterian Church USA. This donation, along with a donation of stethoscopes from Delta Xi Chapter at Kent State University, will be used by Dr. Donna Steele Martsof, a Kent State University College of Nursing professor as part of her work while on a 5-month Fulbright Fellowship. Dr. Martsof is grateful to both Sigma Theta Tau chapters for their support.

In addition to her research, Dr. Martsof will be working with several American groups and the Haitian Medical Director and the Nursing Director of the hospital to develop a school of nursing in conjunction with the Episcopal University of Haiti. Dr. Martsof is collaborating with Dr. Ruth Barnard, Margie Van Meter, and other nurses at University of Michigan and First Presbyterian Church in Ann Arbor, Michigan, on the plans for the staff and the new school of nursing. Dr. Martsof is a 1972 baccalaureate graduate from the University of Michigan School of Nursing. She initially joined Sigma Theta Tau while a student at U-M.

## April Program

*Caring for Frail and Vulnerable Elders:  
The New Center Initiative at the  
University of Michigan School of Nursing*

Presented by Drs.  
Donna Algase, Elizabeth Beattie,  
Cynthia Beel-Bates Kathleen Colling,  
Sue Fink, Kimberlee Gretebeck  
& Laura Struble

Thursday, April 10

Kalamazoo Room  
Michigan League

Refreshments at 7:00 PM  
Program at 7:30 PM



## Rho Members attend STTI in Australia

Last July, a group of U-M gerontological faculty attended the Sigma Theta Tau International meetings in Brisbane, Australia, giving a symposium entitled "Challenges to Research: Behavior and Decision Making within the NDB Model." Persons attending were: Drs. Donna Algase, Elizabeth Beattie, Cindy Beel-Bates, Kathleen Colling, Alice Davis, Sue Fink, and Penny Pierce. They also spoke at four nursing home events and met many nurses. While in Australia they snorkeled on the Great Barrier Reef, climbed to the canopy of a rainforest and walked around Uluru, the world's largest monolithic rock. In Sydney most of them made the 440 ft high "Bridge Climb" to the top of the Sydney Harbor Bridge in the late afternoon. They watched the sunset over the spectacular harbor and Opera House, with the city in the background. See the picture above of members and friends.

## *Fall Induction November 17, 2002*

### **Community Leaders**

Julie Canham  
Jayne Lobert  
Margaret Mangan  
Nah Mee Shin  
Marcy Treder

### **Graduate Students**

Kathleen Allen  
Ann Balarezo  
Lauri Bolo-Schreuder  
Julie Buser  
Patricia Cox  
Hala Darwich  
Elizabeth Dorda  
Ann Eschelbach  
Sharie Falan  
Ann Forde  
Melissa Hitchcock  
Stephanie Johnson  
Christine Kelley  
Julie Kuebler  
Liisa Low  
Elizabeth Mangold  
Christine Mustert  
Jill Read  
Ricardo Salazar  
Sandra Saucier  
Mark Siddall  
Sandra Trout  
Martha Watkins

### **R.N. to B.S.N. Students**

Melissa Alfaro  
Jamie Chiles  
Sandra Kelly  
Amanda Phebus  
Lori Riley  
Todd Roark  
Rachel Stump  
Cynthia Thelen  
Meredith VanDyke  
Ron VanDyke

### **Senior Nursing Students**

Lara Bankowski  
Sarah Bauer  
Elise Erickson  
Cathy Fanone  
Julia Feczko  
Sarah Fedewa  
Jennifer Grady  
Laura Heilig  
Amy Hendriksma  
Lindsey Jack  
Lindsay Klein  
Rachel Luria  
Laura Marten  
Melissa Meier  
Ewurabena Menyah  
Kierste Munding  
Danielle Oliveriro  
Natacha R Pocsatko  
Kristine Snyder  
Kortney Stewart  
Patricia Tillman  
Elizabeth Van Hall  
Jennifer Vesey  
Elizabeth Walkowiak  
Carolyn Washnock  
Erin Wilson  
Marichal Young

### **Induction November 17, 2001**

Sixty-five enthusiastic new members were inducted into Rho Chapter on Sunday, November 17. Family members, friends, and sponsors of the inductees enjoyed an afternoon tea honoring our new members. Dean Ada Sue Hinshaw congratulated the new members and shared her perspectives on the challenges related to the ongoing nursing shortage. The ceremony was particularly memorable as we paid special tribute to "Silver Members" of Rho chapter (membership for 25 or more years in the chapter). Fifteen silver members attended the ceremony, including the mother of one of the new inductees. The afternoon also included a memorial for the recent tragedy involving nursing faculty at the University of Arizona. It was truly a special afternoon.

Ann Kruszewski  
Eligibility Chair



### **Support for Arizona Nurses' Memorial Fund**

At the Induction Ceremony, the Chapter displayed an exhibit in memory of the three University of Arizona College of Nursing professors murdered in October, 2002. In addition to the moment of silence at the beginning of the Induction Ceremony, the chapter held a raffle to raise money to donate to the Memorial Fund established by the University of Arizona College of Nursing. The raffle raised \$198. A check for \$200 was sent to the Arizona Nursing Dean, Marjorie Isenberg, for the Memorial Fund.



Senior Student Rho Chapter 2002 Inductees



Community Member 2002 Inductees



Graduate Student Rho Chapter 2002 Inductees



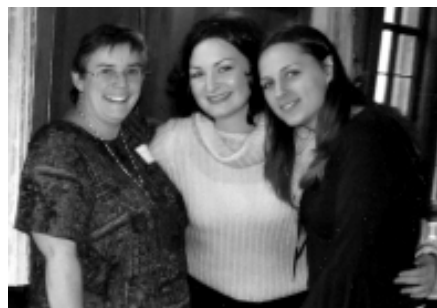
"Silver" members attending ceremony



RN-BSN Student Chapter 2002 Inductees



Audience attending 2002 Induction



President Beattie with Induction Student Volunteers, Kim Burleigh and Naomi Hermann.

## Reliability and Validity of the FLACC Behavioral Pain Scale as a Measure of Postoperative Pain in Cognitively Impaired Children

(manuscript submitted for publication) Terri Voepel-Lewis, MSN, RN, Sandy Merkel, MSN, RN, Alan R. Tait, PhD, Shobha Malviya, MD (2001 Rho Chapter Research Grant)

The availability of a valid, reliable and clinically useful pain tool would eliminate a major barrier to effective pain management for children with CI. Several studies have described pain behaviors that are common to individuals with CI, suggesting that behavioral observational tools may be useful in this population. The Face, Legs, Activity, Cry, and Consolability (FLACC) tool was developed as a simple behavioral observational scale to rate pain intensity in children unable to use self-report tools. The purpose of this study was to determine the validity and reliability of the FLACC tool as an objective measure of postoperative pain in children with CI.

With approval from the IRB and written informed consent from a parent or legal guardian, children 4-18 years of age with CI presenting for major orthopedic or general surgery were studied. Demographic data were recorded preoperatively. Details of the child's developmental level were obtained, and each child was evaluated for their ability to self-report pain using methods previously described. (Fanurik, 1998) Testing included tasks using blocks and numerals to determine understanding of magnitude ("Which is bigger?") and ordinal position ("Put these in order from smallest to biggest.").

Following recovery from anesthesia and prior to postoperative analgesics, the child's nurse observed and scored pain using the FLACC tool. Simultaneously, parents scored the child's pain using a 0-10cm visual analogue scale (VAS), and pain scores were obtained from children who were able to self-report pain. Observations were repeated 30 minutes after analgesic administration. Children were videotaped during each observation. Videotaped segments were edited to randomly mix their order and were viewed by 2 experienced nurses blinded to analgesic administration and to the bedside nurses', parents', and patients' assessments.

One hundred forty observations were recorded in 79 children (aged  $10.11 \pm 4.3$  yrs; 51% male). Only 13 (16%) children, all of whom had mild delay, were able to complete the tests necessary for self-report of pain. FLACC scores of both the bedside nurse and the blinded nurses correlated significantly with parent scores ( $r(113)=0.651$ ; blinded nurses  $r(94)=0.609$  and  $0.519$ , respectively;  $p<0.001$ ) suggesting good criterion validity. Parent scores, however, tended to be higher than FLACC scores assigned by nurses (bias  $+ .59$ ; precision  $\pm 2.3$ ). There was a decrease in FLACC scores following administration of analgesics ( $5.3 \pm 2.8$  vs  $2.0 \pm 2.4$  for

the bedside nurses' scores;  $p<0.001$ ;  $5.1 \pm 2.9$  vs  $2.2 \pm 3.0$  for the blinded nurses' scores;  $p=0.001$ ), supporting the construct validity of the tool. The bedside nurses' FLACC scores correlated significantly with those of the blinded nurses ( $r(116)=0.778$ ;  $P<0.001$ ), demonstrating good interrater reliability. There were moderate and significant correlations between observers for each of the FLACC categories (see table). There was excellent agreement for scores of "0" between all comparisons, and variable agreement for scores of "1" and "2". Kappa values reached acceptable levels for most comparisons in each category, with lowest levels of agreement in the Legs and Activity categories. Measures of exact agreement were most consistent between the two blinded observers for all categories (Kappa values for Face = .346; Legs = .477; Activity = .405; Cry = .652; Consolability = .555). Pain scores were coded as mild (0-3), moderate (4-6) and severe (7-10) for further comparisons, since interventions may differ based on pain intensity. There were excellent correlations ( $0.547-.749$ ;  $p<0.001$ ) between all observers for each level of pain. There was good agreement for mild and severe pain categories (50-92%), but lesser agreement for moderate pain (24-67%). Furthermore, pain interventions varied according to the level of pain scored by the bedside nurse. Children with mild pain most often received no analgesic (64%) or non-opioids (18%), whereas those with moderate to severe pain most often received opioids (60%).

### Reliability of the FLACC Based on Severity of Pain Bedside RN vs Blinded Reviewers

Severity Presented as		% Agreement (number of observations)		Correlation	p < 0.001 for all— Kappa Value
Mild	Moderate	Severe			
86-92% (65-75)	24-46% (20-29)	50-77% (12-19)		.547 - .749	.319-.599

### Bedside Nurse vs Parent VAS

Severity		% Agreement (number of observations)		Correlation	p < 0.001 for all— Kappa Value
Mild	Moderate	Severe			
70% (53-72)	67% (26-41)	47% (15-19)		.606	.436

Data from this study suggest that the FLACC behavioral observational tool has excellent validity and reasonable reliability in measuring pain intensity postoperatively in children with CI. Modifications to the Legs and Activity components of the tool may improve its precision, and reliability.





## Treasurer's Report 2001-2002

By Ruth Barnard,  
Treasurer

The chapter continues to be in a good financial position. The records for the year 2001-2002 have been audited. The table below gives the Audit summary.

During the past year, the chapter spent \$18,381.82 on programming services, including the induction ceremony, educational programs, newsletter, Nominating Committee, membership eligibility and attendance at the STTI Biennial Convention. The chapter spent \$5,851.29 on supporting services, including international induction fees, keypins, audit fee, website, fund raising, and management. In addition, the Board transferred another \$1,000 to the Endowment Fund. As of June 30, 2002, the Endowment Fund has received \$3,893.50 which has generated earnings of \$308.12.

On the recommendation of the Treasurer, the Board voted to purchase bookkeeping services and quarterly reports from Sigma Theta Tau International in Indianapolis. This will relieve some of the load on future chapter Treasurers.

### SIGMA THETA TAU INTERNATIONAL, INC. HONOR SOCIETY OF NURSING RHO CHAPTER

#### STATEMENT OF FINANCIAL POSITION June 30, 2002

##### ASSETS

Cash - Money Market	\$39,461.27
Endowment Accounts	4,136.56
Prepaid Expenses	1,210.10
Accounts Receivable	<u>0.00</u>

**Total Assets**                    **\$44,807.93**

##### LIABILITIES

Accounts payable	<u>\$ 0.00</u>
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**Total Liabilities**                **\$ 0.00**

##### NET ASSETS

Unrestricted	\$40,606.31
Temporarily restricted	308.12
Permanently restricted	<u>3,893.50</u>

**Total Net Assets**                **\$44,807.93**

**Total Liabilities and  
Net Assets**                        **\$44,807.93**

## Update from International Rho Member, Sung-Hyun Cho, PhD

Dr. Sung-Hyun Cho, a 2002 Rackham nursing graduate, is working for the Korean Institute for Health and Social Affairs, one of the research institutes under the Prime Minister. Because the institute is sponsored by the central government, it has a strong connection with the Ministry of Health and Welfare. Her activities are varied. For example, she spent a week preparing a paper and slides that the Minister presented at a recent World Health Organization conference. Or she might have to go to Paris to attend a meeting as a national correspondent. Unlike the US, there is a relatively small pool of researchers and scholars in health care. Dr. Cho participates in research projects on collaboration with North Korea in the health sector and policy issues related to World Trade Organization Service Agreement.

One of strengths of her job is that she has a big picture of Korean health care system. This will be helpful for her to do research on nursing management and policy in the future. Recently, Dr. Cho gave a presentation on her dissertation, "Nurse Staffing and Adverse Patient Outcomes," at a Korean Nursing Administration conference.

Her studies at the U of M have been very helpful in many ways. Since she gained various research experience at U of M, she feels confident to do research and collaborate with researchers in non-nursing areas in her institute. U of M has a good reputation in Korea, which probably was a help for her. She has met several U of M alumni in Korea.

Dr. Cho became a Rho Chapter STTI member when doing her coursework here. She appreciates the official journal of STTI (Journal of Nursing Scholarship) and plans to submit her work to the journal for publication and in the future apply to the research grant programs supported by STTI. She is a working mother and wife. Her son is almost a year old with four teeth and can stand by himself. She and her husband are grateful that their family is healthy and can live together.



## *Sigma Theta Tau, Rho Chapter 2003 Calendar*

<b>Winter</b>	<b>Fall</b>
<p><b>March</b></p> <p>9 Spring Awards Ceremony and Afternoon Tea, Matthaei Botanical Gardens, 1800 N. Dixboro, Ann Arbor, 48105. 1:00-3:30 PM Awards Ceremony at 1:30 PM</p>	<p><b>September</b></p> <p>1 Student Membership Applications in SON Mailboxes</p> <p>12 Student and Community Membership Applications due</p> <p>TBA Membership meeting and Program meeting</p> <p><b>October</b></p> <p>5 Rho Chapter Team, Alzheimer Memory Walk, Gallup Park</p> <p><b>November</b></p> <p>16 Induction of New Members Michigan League Ballroom Sunday, 1:30 PM- 4:00 PM Family, friends, members, faculty, &amp; students are invited to attend.</p>
<p style="text-align: center;"><b>Spring</b></p> <p><b>April</b></p> <p>10 Program: Caring for the Frail and Vulnerable Elders: The New Center Initiative at the University of Michigan School of Nursing. Kalamazoo Room, Michigan League. Refreshments at 7:00 PM, Program at 7:30 PM</p> <p><b>June</b></p> <p>TBA Installation of new officers</p>	<p><b>For Program Information:</b></p> <p>In addition to the newsletter, we will be announcing events on the Rho Chapter website; via emails; bulletin boards in the School of Nursing; and announcements in the Ann Arbor News.</p> <p>Please contact Karen L. Zasada, Vice-President/Program Chair for additional information: <a href="mailto:Kzasada@selectmedicalcorp.com">Kzasada@selectmedicalcorp.com</a> or (734) 522-6850.</p>
<p style="text-align: center;"><b>Rho Chapter website:</b> <a href="http://www.nursing.umich.edu/stti/">http://www.nursing.umich.edu/stti/</a></p> <p style="text-align: center;"><b>Please send your new email address to:</b> <a href="mailto:rhochapter@umich.edu">rhochapter@umich.edu</a></p>	

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