

Emergency response training interest sought

Organizers are seeking feedback for on-campus interest in Community Emergency Response Team (CERT) training available from the Department of Homeland Security.

The program helps to train people to be better prepared for community emergency situation response. During emergencies, CERT member participation may include providing critical support to first responders, immediate assistance to victims and organizing spontaneous volunteers at a disaster site. CERT members also may help with non-emergency projects that help improve community safety.

Classes are taught by trained emergency personnel, including firefighters and Emergency Medical Services (EMS) responders. The program consists of 16 hours of training and emphasizes hands-on practice. Participants who complete CERT training receive a certificate and may receive identification as an emergency response team member during a disaster.

A minimum of 15 participants is required in order to hold training on campus. Anyone interested in learning more or participating in the training should contact Jolean Pederson in the Office of Safety and Environmental Health, at jolean.pederson@ndsu.edu or 1-9587.

Nursing program to participate in safe patient handling curriculum

The NDSU nursing program has been included in the Safe Patient Handling curriculum project sponsored by the American Nurses Association (ANA) and the National Institute for Occupational Safety and Health.

The curriculum module is part of the ANA's "Handle with Care" campaign whose goal is to "reshape the professional and disciplinary dimensions of nursing, influence the mindset of the health care industry, and inform federal/state policy by highlighting how safe patient handling produces benefits to patients and the nursing workforce."

According to the ANA, nursing personnel are among the highest at risk for musculoskeletal injuries, and patient handling tasks are recognized as the primary cause for musculoskeletal disorders in the nursing profession.

As a pilot program, NDSU will disseminate the safe care curriculum information to other nursing programs and clinical sites throughout the community and region. The program is set to receive lift equipment for the nursing skills lab providing students and faculty the opportunity to practice with state of the art equipment and use evidence-based practice techniques in safe patient handling.

NDSU Libraries expands e-journal access

NDSU now has access to 402 additional electronic journals published by Springer. Purchased in cooperation with EPSCoR libraries, the additions include scientific, technical and medical books and journals. The journals include an automatic table-of-contents alerting service, hyperlinked references and access to other full text journals.

Specific titles can be found through the e-journals link on the Libraries' Web site. For more information, call the Reference Desk at 1-8886.

Surplus bid sales to resume April 28

Surplus property item sales will be held on the second Friday of each month, beginning April 8, at the Auxiliary Enterprises Annex on Bolley Drive. The sale time is noon-2 p.m.

NDSU does not warrant any of the items for any purpose or merchant ability of any kind or purpose. It is understood that all items offered for sale are "as-is, where-is." Items may have a minimum bid price assigned to them. Bid forms will be available at time of inspection. Terms of sale are cash or check upon pickup of items. All items must be picked up on the day of the sale.

For more information, call Stacey Winter at 1-8348.

Staff Senate election underway

The Staff Senate election continues through April 15. The slate of candidates can be viewed online at www.ndsu.edu/staff_senate. Staff may vote online or by paper ballot. Ballots are available in 302 Ceres Hall, Facilities Management, 114 Ehly Hall and 100 Old Main.

For more information, contact Cindy Kozojed at 1-8431 or Pam Hommen at 1-7701.

Next Issue

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Submissions due: noon April 7
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www.ndsu.edu/university_relations/news

CNSE included in nanotechnology magazine article

NDSU's Center for Nanoscale Science and Engineering (CNSE) was featured in a story in the March edition of *Small Times*, a magazine detailing technological advances, applications and investment opportunities in micro- and nanotechnology.

The article ranks several states as emerging as leaders in micro- and nanotechnology. North Dakota was ranked as the most cost-friendly state in the magazine's analysis of nanotechnology hot spots, and noted NDSU's advantage in providing a trained workforce through its engineering schools and the Research and Technology Park.

The article also mentions that high-tech companies are aware of the state's affordability, and quotes Alien Technology's vice president of advanced development programs, Paul Drzaic. Alien currently operates a facility in Fargo and is expected to begin operation of a research and radio frequency identification (RFID) tag production facility in the NDSU Research and Technology Park in 2006.

North Dakota first was mentioned in *Small Times* in 2002, ranking 45th in the nation as a small technology hot spot, moving up to 37th in 2003 and 33rd in 2004.

According to NDSU President Joseph A. Chapman, such industry attention shows steady progress and the potential for nanotechnology to diversify the state's economy.

"The nanotech industry is young and we believe North Dakota has an opportunity to fill a niche within the industry, resulting in potential economic opportunities for the state, as well as the university," Chapman said.

For more information, contact Carol Renner at 1-5174.

Water institute support specialist sought

The International Water Institute, a Tri-College University program, seeks an administrative support specialist to provide general administrative support and leadership for the institute's grant-funded programs and activities. The position is a two-year appointment.

The specialist will work with Tri-College University staff and report to the institute and center directors. Responsibilities include, but are not limited to, administrative and board of directors support; grants administration; Web site development, operation and maintenance; and planning and managing the institute's international water conference.

Requirements include excellent interpersonal and organizational skills, business office management experience, valid driver's license, computer literacy and office equipment knowledge.

For more information, contact Sonia Hohnadel at 1-9731 or sonia.hohnadel@ndsu.edu.

People

Reynolds, Redmer receive NIH grant



Reynolds



Redmer

Lawrence P. Reynolds and Dale A. Redmer, professors of animal and range sciences, have received a \$1.5 million grant from the National Institutes of Health's National Institute of Child Health and Human Development to study nutrition, fetal growth and placental angiogenesis.

Part of a collaborative effort between Reynolds, Redmer and Jacqueline Wallace of the Rowett Research Institute, Aberdeen, Scotland, the five-year program will focus on overfed and underfed animal models, and the role of altered sex steroid levels on fetal and placental growth and placental vascular development using a model of adolescent pregnancy in sheep.

"NIH is interested in this work because low birth weight, resulting from poor fetal growth and development, is a major socioeconomic problem in human medicine," said Reynolds. "Low birth weight also is a problem for livestock producers. If we can determine how placental blood vessels grow and develop, we may be able to alleviate poor fetal growth, at least in some cases, in both humans and livestock. Because we are using adolescent sheep, this also is a good model for teenage pregnancy in humans."

Reynolds added that recent studies in humans and livestock have shown that low compromised fetal growth leading to low birth weight results in much higher incidence of serious metabolic diseases, such as heart disease, obesity and diabetes when offspring reach adulthood. The research team plans to conduct future studies to further investigate the coordination of placental angiogenesis and vascular function and its role in sub-optimal pre- and post-natal health and productivity.

McCullagh presentations listed

Marjorie McCullagh, associate professor of nursing, has made several presentations on hearing and occupational effects research.

- "Hearing Protector Use Among Farmers and Construction Laborers," Sigma Theta Tau International Nursing Honor Society Xi Kappa chapter-at-large research conference, Fargo, and North Dakota Nurses Association annual convention, Grand Forks;
- "Hearing Loss Among Farmers: Preventable or Inevitable?" North Dakota Farm Bureau annual meeting, Fargo;
- "Status of Women Faculty at NDSU," co-presenter, Rocky Mountain dean's conference, Medora, N.D., and NDSU faculty conference, Fargo;
- "Women Research Faculty at NDSU: Results of a Matched Pairs Study," Red River Valley Women's Studies conference, Fargo.

McCullagh's publications include:

- "Home Modifications: Nurses Can Make Life at Home Safer and More Convenient as Abilities Change," *American Journal of Nursing*;
- "The Pender Health Promotion Model," *Middle Range Theories: Application to Nursing Research*;
- "Effects of Booster Interventions on Factory Workers Use of Hearing Protection," *Nursing Research*.

Chabora recognized by national arts foundation

Pamela D. Chabora, assistant professor of theatre arts, received a teacher recognition certificate from the National Foundation for the Advancement of the Arts (NFAA) in appreciation for encouraging and supporting students who have been recognized for their exceptional artistic achievements.

NFAA was founded in 1981 as a nonprofit arts organization with a mission to identify emerging artists and assist them at critical junctures in their educational and professional developments, and to raise appreciation for and support of the arts.

Chabora was scheduled to judge at the North Dakota state Class A drama festival March 31-April 1 in Jamestown. She also planned to lead a workshop for students titled "Character Development through Improvisation."

Events

Quarter Century Club to welcome new members

The Office of Human Resources will sponsor the annual Quarter Century Club new members recognition dinner scheduled for Monday, May 2, in the Alumni Center. A social begins at 6:30 p.m., followed by the dinner at 7 p.m. The event honors employees who have been employed at NDSU for 25 years or more.

New members are Peggy Anderson, extension county programs; Roger Beauchene, Dining Services; Lynn Brekke, Student Financial Services; John Crabtree, Northern Crops Institute; David Fahey, Facilities Management; Richard Feldman, veterinary and microbiological sciences; Michael Garrison, marketing, management and finance; Catherine Giddings, veterinary and microbiological sciences; Char Goodyear, Office of the Vice President for University Relations; Jay Goos, soil science; Ken Grafton, plant sciences; Alan Halverson, Dining Services; Ken Hellevang, agribusiness and biosystems engineering; Kevin Horsager, soil science; Marsha Kappahn, animal and range sciences; Don Kirby, animal and range sciences; Wallace Kluck, Facilities Management; Diana Kowalski, library administration; Darlene Krogh, veterinary diagnostic laboratory; Lori Lee, Facilities Management; Arlinda Lewis, animal and range sciences; Barbara Lindberg, Career Center; Robert Littlefield, communication; Virgil Mueller, Campus Police; Garfield Narum, Information Technology Services; Gloria Nygard, AES cereal science; Lorna Olsen, Information Technology Services; Audrey Olson, Student Life; Sandra Osborne, agribusiness and applied economics; G. Padmanabhan, civil engineering; David Rodgers, electrical and computer engineering; Eunice Sahr, extension county programs; Nancy Suttle, College of Science and Mathematics dean's office; Lee Tisor, Dickinson Research Center; Beth Weitzel, agribusiness and applied economics; and Mariusz Ziejewski, mechanical engineering.

Tickets are \$17. Reservations are requested by April 7 to the Office of Human Resources and Payroll, Old Main 205, or P.O. Box 5345, Fargo, N.D. 58105. For more information, contact human resources at 1-8961.

Author to speak at Conference on World Literature

Renowned author and critic Gerald Vizenor is the planned keynote speaker during the eighth annual Conference on World Literature scheduled for April 22-24 at the NDSU Alumni Center. A joint effort by the NDSU Departments of English and Modern Languages, the conference's theme is "Imagined Communities: Nation, Race, Home, Family."

The conference features approximately 45 presenters from throughout the United States, as well as Spain, South Africa, Canada and other countries. Twelve sessions meeting 8:30 a.m.-4 p.m. Friday, April 22, and Saturday, April 23, and 9 a.m.-noon Sunday, April 24, are planned.

Vizenor is scheduled to present "Native American Narratives: Resistance and Survivance" at 8 p.m. Friday, April 22, in Beckwith Recital Hall. The lecture will focus on American Indian narratives and literature documented and published between the Civil War and World War I. Vizenor's talk is free and open to the public.

"It is a great honor to have Gerald Vizenor as our keynote speaker this year," said conference coordinator Jeanne Hageman, associate professor of modern languages. "His local ties mean that his lecture will be of special interest to a large number of people in the region, and his international renown makes him an excellent choice as a presenter for the academic communities involved in the annual World Literature Conference."

Vizenor is a professor emeritus of American studies at the University of California, Berkeley, and a professor of American studies at the University of New Mexico. He has written more than 20 books about American Indians, including "Manifest Manners: Narratives on Postindian Survivance" and "Fugitive Poses: Native American Indian Scenes of Absence and Presence." His novel "Griever: An American Monkey King in China" received the American Book Award. His most recent books are the novel "Hiroshima Bugi: Atomu 57" and "Bear Island: The War at Sugar Point," a narrative poem scheduled for publication this year by the University of Minnesota Press. He received the 2005 Distinguished Achievement Award from the Western Literature Association in 2005.

The conference was started eight years ago by R. S. Krishnan, associate vice president for academic affairs, to bring local scholars together with their international colleagues from as far away as Japan, Australia, South Africa and Europe. The conference reaches out to all literary communities, and includes presentations on a broad range of topics in literature as well as on the teaching of literature. Papers at previous conferences have focused on topics including post-colonial literatures, writing in and about the third world and often-marginalized voices in literature. Past keynote speakers have included authors and scholars such as Alberto Rios and John Dagenais.

From more information or a complete schedule of speakers, contact Hageman at 1-8845 or jeanne.hageman@ndsu.edu.

Health Fair set

The 2005 NDSU Health Fair is scheduled for 10 a.m.-3:30 p.m. Tuesday, April 12, in the Memorial Union Ballroom.

Participants will get tips on healthy living, making wise lifestyle decisions and keeping fit. Nearly 50 campus and community organizations and businesses will be represented at the fair.

In addition, a United Blood Services blood drive will be held in the Rose Room during the Health Fair. Appointments are encouraged, but walk-ins are welcome.

For more information, visit www.ndsu.edu/wellness and click on the Health Fair link.

Safe Zone ally training scheduled

Safe Zone ally training sessions are scheduled for 4-6 p.m. Thursday, April 14, in the Memorial Union University Chamber, and 2:30-4:30 p.m. Thursday, April 28, in the Memorial Union Meadow Lark Room.

The Safe Zone program provides training and information to students, faculty, staff and administrators who are sensitive to the concerns of gay, lesbian, bisexual, transgendered and questioning individuals at NDSU. The program works to establish an identifiable network of allies who will provide support and information regarding sexual orientation issues, and focuses on developing a welcoming, inclusive environment.

Training sessions include issues of gay identity development, homophobia, heterosexual privilege and use of heterosexual privilege to create change.

The sessions are open to everyone at NDSU and pre-registration is not required. For more information about the Safe Zone program or training sessions, contact Kara Stack, assistant director for campus programs, at 1-8566 or visit www.ndsu.nodak.edu/memorial_union/safezone.

Shorts and Reminders

Food production management meal

A "Birthday" food production meal is scheduled for 11:30 a.m.-12:15 p.m. Tuesday, April 12, and Thursday, April 14, in the lower level of West Dining Center. The menu includes beef noodle soup, bruschetta with fresh tomatoes, Mandarin chicken salad and angel food cake. Cost of the meal is \$6.50 or free to those on a meal plan. Call 1-7023 for reservations.

Union Food Court specials for April 6-13

Soup of the day

Wednesday: wild rice and vegetarian vegetable
Thursday: beef noodle and chicken tortilla
Friday: beef barley and broccoli cheese
Monday: turkey rice and California medley
Tuesday: chicken noodle and corn chowder
Wednesday: vegetable beef and baked potato

The Corner Deli

Wednesday: Southwest wrap
Thursday: turkey
Friday: your choice
Monday: ham
Tuesday: roast beef
Wednesday: All-American wrap

A La Carte

Wednesday: carved roast beef
Thursday: fried chicken
Friday: pork chop with mushroom gravy
Monday: beef pepper steak
Tuesday: Swiss steak
Wednesday: carved honey glazed ham

Pizza Express

Wednesday: taco
Thursday: Red River
Friday: farmhouse
Monday: Thundar
Tuesday: meat lovers
Wednesday: Southwestern chicken

The Union Grab and Go hot entrée

Wednesday: beef pepper steak
Thursday: meat loaf
Friday: chicken lasagna
Monday: pork loin with mushroom gravy
Tuesday: fried chicken
Wednesday: grilled chicken alfredo

Hot wrap (available in Grab and Go)

Wednesday: ham and cheese
Thursday: chicken cordon bleu
Friday: barbecue chicken
Monday: chicken strip
Tuesday: Philly steak
Wednesday: Italian

Entrée salad (available in Grab and Go)

Wednesday: popcorn chicken
Thursday: taco
Friday: chicken Caesar/Caesar
Monday: turkey Cobb
Tuesday: Southwest chicken salad
Wednesday: popcorn chicken

Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 for the daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Shelly at the Union Buffet at 1-8122.

Positions Available

Positions open and screening dates through the Office of Human Resources, Room 205, Old Main:

Administrative Assistant/#00019606
Psychology
\$28,000+/year
April 8

Lead Caterer

12-month position; 40 hours/week
M-F; 10:30 a.m.-7:30 p.m.; some evenings
Dining Services-Union Dining Center
\$8+ per hour
Open until filled

Pharmacy Technician
Family HealthCare Pharmacy
\$21,800+/year
Open until filled

Life Science Librarian/#00021490
Libraries
\$32,000+/year
April 11

Research Specialist/#00020048
Agriculture and Biosystems Engineering
\$30,000+/year
April 15

Position openings also are available through the NDSU Web site at www.ndsu.edu/jobs.

Calendar**April**

- 6 YMCA of NDSU—brown bag seminar “Building Bridges, Breaking Barriers,” noon and 7:30 p.m., Memorial Union Peace Garden Room
- 6 Baseball vs. the University of Wisconsin-Superior, 4 p.m., Newman Outdoor Field
- 6 Physics—Dennis Tallman, professor of chemistry, “Conjugated Polymers-Advanced Coatings for Corrosion Control,” 4 p.m., South Engineering 208
- 7 World I View presentation, topic to be announced, noon, Memorial Union Peace Garden Room
- 8 Animal and range sciences—Sarah Wagner, assistant professor of animal and range sciences, “Fear of the Frankenbug: Does Feeding Antibiotics to Livestock Lead to Antibiotic-Resistant Infections in People?” 3 p.m., Hultz 104
- 8 Plant sciences—Chelsea Juricek, graduate student, “Biology and Control of Japanese Knotweed (*Polygonum cuspidatum*);” Carrie Schumacher, graduate student, “Rood Induction, Initiation and Growth of Newly Transplanted Rootstock,” 3:30 p.m., Loftsgard 114
- 11 Civil Education Month—showing of parts one and two of the film, “Auschwitz: Inside the Nazi State,” 7 p.m., Memorial Union Century Theater
- 12 Civil Education Month—“Americorps: Serving the Asphalt Jungle,” 12:30 p.m., Memorial Union Meadow Lark Room
- 12 NDSU Health Fair “Treasure Your Health,” 10 a.m.-3:30 p.m., Memorial Union Ballroom
- 12 Equal opportunity—PeopleSoft application help session, 1-3 p.m., IACC 150C
- 12 Lively Arts Series—“Precious Stones,” 7 p.m. Festival Concert Hall
- 13 Civil Education Month—writer and activist Tim Wise, “Beyond ‘Diversity:’ Challenging Racism in a Time of Backlash,” noon, Memorial Union Peace Garden Room and 7:30 p.m. Festival Concert Hall
- 13 Staff Senate meeting, “NDSU’s Caring Community of Leaders and Problem-Solvers (CCLP) Program,” 9:30-10:30 a.m., Memorial Union Prairie Rose Room
- 13 Equal opportunity—PeopleSoft application help session, 10 a.m.-noon, IACC 150C
- 13 YMCA of NDSU—brown bag seminar “Race and Privilege,” noon, Memorial Union Prairie Rose Room
- 13 Free staff preview of Little Country Theatre’s “The Beggar’s Opera,” 7:30 p.m., Askanase Auditorium
- 14 Safe Zone Ally training, 4-6 p.m., Memorial Union University Chamber

- 14-16 Little Country Theatre presents "The Beggar's Opera," 7:30 p.m., Askanase Auditorium
- 15 Plant sciences—McDonald Jumbo, graduate student, "Soybean Cyst Management and Crop Rotation," 3:30 p.m., Loftsgard 114
- 15 Woodwind chamber night, 7:30 p.m., Beckwith Recital Hall. Free.
- 16 NDSU Horse Fair, 8 a.m.-6 p.m., NDSU Equine Center
- 16 Jazz Arts Group concert, 8 p.m., Festival Concert Hall. Call 1-9442 for tickets.
- 17 NDSU Horse Fair, 9 a.m.-4 p.m., NDSU Equine Center
- 17 Student honors recital, 2 p.m., Beckwith Recital Hall. Free.
- 18 Civil Education Month—showing of parts three and four of the film, "Auschwitz: Inside the Nazi State," 7 p.m., Memorial Union Century Theater
- 19 Civil Education Month—Holocaust survivor Dr. Robert Fisch, "Lessons from the Holocaust," 12:30 p.m., Memorial Union Century Theater
- 20 Civil Education Month—"Boxes and Walls" interactive tour, 9 a.m.-10 p.m., Memorial Union Prairie Rose Room
- 20 YMCA of NDSU—brown bag seminar "Boxes and Walls," noon, Memorial Union Prairie Rose Room
- 21 World I View presentation, topic to be announced, noon, Memorial Union Peace Garden Room
- 21 Opera workshop performance, 7:30 p.m., Beckwith Recital Hall. Free.
- 21-23 Little Country Theatre presents "The Beggar's Opera," 7:30 p.m., Askanase Auditorium
- 22 Plant sciences—Shipra Mittal, graduate student, "Centromere: An Essential Part of a Eukaryotic Chromosome;" Sujan Mamidi, graduate student, "Candidate Gene Analysis of Quantitative Disease Resistance Loci," 3:30 p.m., Loftsgard 114
- 22 Psychology—Nancy Cooke, Arizona State University, "Emergent Team Cognition...OR...What Was Wrong with the U.S. Olympic Basketball Team?" 3:30 p.m., Minard Annex 138
- 25 Civil Education Month—showing of parts five and six of the film, "Auschwitz: Inside the Nazi State," 7 p.m., Memorial Union Century Theater
- 25 Jazz Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors. Call 1-9442.
- 26 Baseball vs. the University of Minnesota, 6:30 p.m., Newman Outdoor Field
- 27 YMCA of NDSU—brown bag seminar "Gender Gap in Politics," noon, Memorial Union Gallery
- 27 Emergency management program lecture series—"Highlights and Lessons from a Career as a Disaster Researcher," Thomas Drabak, University of Denver, 1:30-5:30 p.m., Memorial Union Prairie Rose room
- 28 Safe Zone Ally training, 2:30-4:30 p.m., Memorial Union Meadow Lark Room
- 28 Varsity Band and Brass Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and seniors. Call 1-9442.
- 29 Plant sciences—Nyle Jonason, graduate student, "Risk Assessment of Exotic Versus Native Woody Plants in the United States;" Clint Ostby, graduate student, "Ashes on the Decline: Is the Emerald Ash Borer a Threat to North Dakota?" 3:30 p.m., Loftsgard 114
- 30 Baseball vs. South Dakota State University, 1 p.m. and 3 p.m. Newman Outdoor Field
- May**
- 1 Baseball vs. South Dakota State University, noon and 2 p.m., Newman Outdoor Field
- 1 "A Salute to Percy Grainger," Joseph Kreines, guest artist, with NDSU ensembles and soloists, 2 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students and children. Call 1-9442.
- 2 Baseball vs. Concordia College, 6 p.m., Newman Outdoor Field
- 3 Spring choral concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults, and \$2 for students and seniors.
- 5 Baseball vs. the University of Minnesota-Duluth, 6:30 p.m., Newman Outdoor Field
- 6 Tapestry of Diverse Talents induction ceremony, noon, Memorial Union Alumni Lounge
- 6 Ceramics, printmaking, painting and drawing sale, noon-5 p.m., NDSU Downtown
- 6 Plant sciences—Ju Wang, graduate student, "Long Distance (Trans-Continental), Movement of Pathogens;" Bahadir Sezegen, graduate student, "Influence of Spaceflight on Crop Performance," 3:30 p.m., Loftsgard 114
- 6 Baseball vs. the University of Minnesota-Duluth, 6:30 p.m., Newman Outdoor Field
- 11 Staff Senate meeting, 9:30-10:30 a.m., Memorial Union Prairie Rose Room
- 13 Emergency management program lecture series—Emergency Operations Center inauguration, Doug Friez, North Dakota Division of Emergency Management director, noon-2:30 p.m., Bentson Bunker Fieldhouse room 24
- 13 Commencement, 4 p.m., Fargodome

- 18 Baseball vs. Creighton University, 4 p.m. and 6 p.m., Newman Outdoor Field
- 19 Baseball vs. Creighton University, 1 p.m., Newman Outdoor Field

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