

# Professor gets research award

## Hopes to bring science focus to state

BY ASHLEY BENNETT  
STAFF WRITER

UNC chemistry professor Joseph DeSimone will be the next recipient of a \$500,000 prize for his innovative research in materials and life science from the Massachusetts Institute of Technology.

The Lemelson-MIT Prize evaluates U.S. inventors who are in their mid-career, own at least two U.S. patents and have an invention in medicine and health care, computers and telecommunications, consumer products, energy and environmental or industrial products.

The prize is considered one of the most prestigious inventing awards in the country. Previous winners include inventors of the Segway, the first walkie-talkie and the first practical light-emitting diode (LED).

DeSimone said this award will bring a focus to North Carolina.

"Most of the awardees are out of the Boston area and Silicon Valley, California," he said. "It's really exciting to have someone from the

Research Triangle Park area be represented in this award."

Joe Templeton, chairman of the faculty, said receiving the Lemelson-MIT prize will also bring special recognition to faculty productivity at the University.

"It is a huge boost to faculty confidence," Templeton said. "This is not someone who got famous and then moved to Chapel Hill, this is recognition for work done in Chapel Hill."

DeSimone said he was selected for the prize based on his achievements in three areas of his research, the first being a green manufacturing method for making Teflon, which was eventually licensed by DuPont.

"It came online in 2002, and it's been almost a \$50-60 million investment to make Teflon using this environmentally friendly method," he said.

DeSimone's assistance in the creation of a bio-durable coronary heart stent has also earned him

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JOSEPH DESIMONE, UNC CHEMISTRY PROFESSOR

recognition for this award.

According to a press release, the new bio-absorbable stent will be an alternative to metallic stents and should eliminate the need for a permanent prosthetic in patients.

DeSimone was also considered for this prize when he commercialized one of his Particle Replication in Non-Wetting Templates, or PRINT, technology through Liquidia Technologies, a company he helped form in the Research Triangle Park. The technology has applications in the fight against cancer and other diseases, as well as for commercial uses.

Templeton said that DeSimone's PRINT technology came from some of his initial work with liquid carbon dioxide, which many people said wouldn't be worthwhile.

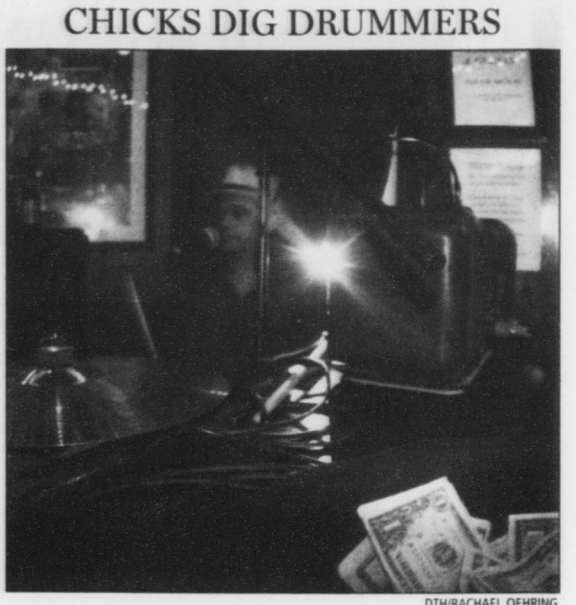
Aside from his research, the award also recognizes DeSimone for his mentorship. DeSimone said that his mentorship comes from his firm belief in translational research, or research focused on impacting society.

"I have over 115 issued patents and almost all of them have student co-inventors," he said.

As for the \$500,000 prize, DeSimone said he wants to invest it back into research.

"One of the biggest challenges for nurturing new ideas along is getting ideas," he said. "So I hope to use the money to invest in new technology, either in my labs or elsewhere to help move things forward."

Contact the University Editor at [udesk@unc.edu](mailto:udesk@unc.edu).



Eric Davis, drummer for the Pittsboro band The Bad Mothers, sets up for the band's gig June 20 at the Blue Horn Lounge. The show was a benefit for Girls Rock Camp N.C., a program that teaches young girls how to play instruments and write music that kicks off next month.

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### Announcements

**NOTICE TO ALL DTH CUSTOMERS**  
Summer deadlines are NOON Tuesday prior to publication for classified ads. We publish every Thursday during the Summer School sessions. A university holiday is a DTH holiday too (i.e. this affects deadlines). We reserve the right to reject, edit, or reclassify any ad. Acceptance of ad copy or prepayment does not imply agreement to publish an ad. You may stop your ad at any time, but NO REFUNDS or credits for stopped ads will be provided. No advertising for housing or employment, in accordance with federal law, can state a preference based on sex, race, creed, color, religion, national origin, handicap, marital status.

MOVING SALE! JUNE 28TH 8am-12pm 220 Elizabeth Street, A-8. Enter Village Green. Furniture on right. A-building in back. Vintages, clothes, electronics, books, cookware, small appliances and more. Most unopened or lightly used.

### Child Care Wanted

**NANNY AND HOUSEHOLD MANAGER NEEDED.** Graduate or undergraduate student, planning to take year off from UNC and stay in area, needed to look after 4 children (1 year-old to 9 years-old, older children in school). Must be warm, happy, caring, have nanny experience and good references. Must be very organized, energetic, willing to do grocery shopping, run errands, plan activities, transport children and do light housework. Full-time, minimum 1 year commitment, \$11-\$14/hr BOE. Option for health insurance and option to live in available 1 block from campus, parking. Send resume to [Nanny@telsage.com](mailto:Nanny@telsage.com).

**ACTIVE, FUN babysitter** wanted starting late August for 10 year-old boy. Pick up from school, help with homework. 3-5 days per week, 2:30-4:30pm or 5 pm. Looking for experienced non-smoker. References, car required. [kknarostky@yahoo.com](mailto:kknarostky@yahoo.com) or 919-933-5257.

### For Rent

**BEAUTIFUL HOUSE.** 3BR/2.5BA in Chapel Hill. \$1,470/mo. On large private lot surrounded by woods and has detached garage. Big living room with bookshelves connects to deck in back yard through French door. New stove, oven in bright kitchen and formal dining room with gorgeous chandelier. Walk to Chapel Hill-Carrboro City Schools. Close to UNC, Duke, RTP. Available now. [dana001x@gmail.com](mailto:dana001x@gmail.com). 919-824-5818

**HOUSE FOR RENT.** 3BR, 2 full bath house on wooded lot. \$1,160/mo. W/D, dishwasher included. Less than 2 miles to campus, on busline. Pets OK. Small fenced yard. Available July, August. 819-1246.

**APARTMENT 2 BLOCKS TO UNC CAMPUS.** Living room, bedroom, kitchenette, bath, screened porch. Fully furnished linens, dishes, etc. Parking space. \$800/mo +electricity. 919-7488.

### For Rent

**3BR/2.5BA TOWNHOME** in Vintage Square. Close to UNC and I-40. Lower level family room. Large deck and patio area. Large garage. W/D, refrigerator included. On the UNC busline! 252-438-7777 (daytime) or 919-482-9559 (evening). \$1,650/mo.

**FOR RENT:** 3BR/2BA house available July 1. \$1,300/mo. W/D, dishwasher, fridge, deck, fenced yard, stove, fire place. I-40 and NC 54. Minutes to UNC, Duke, RTP. 919-933-5752.

### Help Wanted

**FULL-TIME ADMINISTRATIVE ASST**  
The Chapel Hill-Carrboro YMCA is hiring a full-time administrative assistant to provide high level administrative support to the executive director and the development director. Responsibilities include: general office duties, calendar and schedule management, event planning and coordination, donor relations, data entry and internet research. Will be responsible for supporting the executive director and development director in accordance with the stated mission, goals and policies established by the administrative staff, governing committees and YMCA Board of Directors. Full-time position with excellent benefits package. Experience with fund raising and program management is recommended. Salary Range \$26K-\$29K with benefit package. Please submit cover letter, resume and 3 professional references via email to [dsmith@chymca.org](mailto:dsmith@chymca.org) no later than Monday June 9, 2008. Only local candidates will be considered. 919-442-9622.

### Help Wanted

**GYMNASTICS COACH WANTED.** Sport Art Gymnastics Center Chapel Hill looking for part-time competitive gymnastics coach. Work with levels 3-7. About 10 hrs/wk. Must be 21+ with competition and/or coaching experience. Start end of July. Pay based on experience. Mark. 919-929-7077, 919-732-2925.

**AAA PERSON NEEDED FOR TOY STORE.** Must be outgoing and very friendly. Apply in person Learning Express at 15-501 and I-40. 919-401-8480.

**DOCENT NEEDED.** Weekend docent for the Burwell School Historic Site in Hillsborough. Saturday 11am-4pm, Sunday 1-4. Paid hourly. Please send resume and cover letter to [jobs@burwellschool.org](mailto:jobs@burwellschool.org). [www.burwellschool.org](http://www.burwellschool.org). 919-732-7451.

### Roommates

**ROOMMATE NEEDED ON BASINHT!** Senior seeking fun roommate for 1 year lease starting August 1, 2008. 3BR/1BA house includes W/D and study. Walk to campus and bars! \$675/mo +utilities per person. Call Mandy 919-260-4414.

**FEMALE NEEDS ROOMMATE.** Furnished 2nd bedroom in stylish townhouse on MLK near campus and Foster's. Refurbished last year. Includes access to equipped kitchen, living, dining, private deck. Free parking. \$550/mo. +utilities. Ideal for grad student. Small, quiet development (Woodglen). Non-smokers only, no pets. 919-401-9942.

### Child Care Wanted

**RESPONSIBLE CHILD CARE** needed for 7 year-old girl at Carolina Friends School camp. July 28th thru August 1st and August 4th thru August 8th. 8am-3pm. Child has minor disabilities. Please contact for more info. [vpkelly@bellsouth.net](mailto:vpkelly@bellsouth.net).

**AFTERNOON BABYSITTER NEEDED** from mid-August for 2 girls, ages 11 and 9, 3-6:30pm weekdays. Pick up from school, take them to some afternoon activities, and give them supper. Availability to work extra and/or weekend hours from time to time ideal, but not essential. High hourly pay! Option to start in July if preferred. Previous childcare experience, own car and references essential. Contact Emma by email on [eb4@duke.edu](mailto:eb4@duke.edu) or call 919-969-9059.

### For Rent

**WALK TO FRANKLIN STREET** and campus from this 415 North Columbia apartment. Approximately 6 blocks from campus, on busline. Pets OK. Small fenced yard. Available July, August. 819-1246.

**WALK TO CAMPUS 3BR/1.5BA house \$1,100/mo.** Remodeled. Hardwoods, tile kitchen and baths. Near Crest and Merritt Mill. 1 year lease. Cats OK. [isuzi2@gmail.com](mailto:isuzi2@gmail.com), 919-924-1208.

**AVAILABLE JULY 1 ON UNC BUSLINE.** Close to Duke, RTP, I-40. Upscale 3BR/2BA condo. \$1,400/mo rent. Professionals or grad students. Roger, [rkwo327@aol.com](mailto:rkwo327@aol.com), 910-329-0023.

### For Rent

**BUDGET ORIENTED RENTAL.** My long term tenant needs a roommate. Owner occupied duplex 2BR/1BA, W/D, dog door, wooded location, walk to busline. \$340/mo +deposit. 919-932-8524.

**BIKE OR WALK EASILY TO CAMPUS.** Law School and UNC medical complex from this 4BR/2BA ranch located in lovely and historic Gingham neighborhood. Just 3 blocks from campus, this home is perfect for visiting pros, grad students. No undergrads. Only 2 unrelated persons allowed in home per neighborhood restrictions. \$2,100/mo. Email Fran Holland Properties at [herbolland@intex.net](mailto:herbolland@intex.net) or call 919-968-4545.

### For Sale

**FURNITURE.** Moving, must sell like new Bassett furniture: sofa, end table, coffee table (\$500), large TV armoire (\$200), dining set (\$500). 919-593-5226.

### Help Wanted

**MARKETING AND WEB DESIGN** and errands for reputable home improvement company. Hourly flexible. \$12-\$16/hr +commission. [www.fixallservices.com](http://www.fixallservices.com), [Ray81@yahoo.com](mailto:Ray81@yahoo.com), 919-990-1072.

**PERSONAL ASSISTANT.** Maintaining home and office administrative tasks. Energetic and organized, must love dogs and small children. 15-20 hrs/wk. Contact [eightgates@mindspring.com](mailto:eightgates@mindspring.com). References requested.

### Lost & Found

**FOUND RING.** In Kenan Stadium, possibly wedding band. Email [hayss@email.unc.edu](mailto:hayss@email.unc.edu).

**FOUND BLACK LAB CHOW PUPPY.** Male with UNC collar. 10-12 months old. Found June 14 on Old Erwin Road in Duke Forest area. Ron, 489-9547.

### Sublets

**JULY SUBLEASE!** 1BR/1BA available in 2BR/2BA apartment for July at The Verge! Furnished, W/D, parking. All utilities! \$650, considering any offer! [dullier@email.unc.edu](mailto:dullier@email.unc.edu), 336-414-2173.

**JULY SUBLEASE!** 1 room available for July in Warehouse Apartments. \$625/mo, includes utilities, W/D, furnished, FREE parking! 10 minute walk to campus. [fican85@gmail.com](mailto:fican85@gmail.com), 910-262-1503.

### Announcements

**DO YOU HAVE UPS AND DOWNS IN YOUR MOOD? DO YOU HAVE TIMES WHEN YOU FEEL BLUE OR DEPRESSED? DO YOU WANT TO UNDERSTAND IT AND SEE YOUR BRAIN?**

UNC-Chapel Hill's CERT-BD is looking for participants for a research study on Bipolar Disorder.

You will receive a study-related psychiatric assessment, physical exam, MRI, neurocognitive testing, and may qualify for study medication. You will receive compensation for your time.

Please call (888) 843-6421 for more information or visit <http://www.med.unc.edu/cert-bd>

### Announcements

**ALL REAL ESTATE AND RENTAL** advertising in this newspaper is subject to the Federal Fair Housing Act of 1968 which makes it illegal to advertise "any preference, limitation, or discrimination based on race, color, religion, sex, handicap, familial status, or national origin, or an intention to make any such preference, limitation, or discrimination." This newspaper will not knowingly accept any advertising which is in violation of the law. Our readers are hereby informed that all dwellings advertised in this newspaper are available on an equal opportunity basis in accordance with the law. To complain of discrimination, call the U. S. Department of Housing and Urban Development housing discrimination hotline: 1-800-669-9777.

**WALK TO CAMPUS, AMPLE PARKING.** Pets allowed. Efficiency loft \$550/mo, utilities included. Adjacent 2BR apartment with deck, fireplace, central air, W/D. \$1,175/mo, utilities included. Call 919-280-7676.

### Announcements

**2BR/2BA CONDO.** Kensington Trace. Available July. \$850/mo. In excellent condition. All new appliances. Includes W/D. 919-475-8800.

**3BR/2BA CONDO.** \$850/mo. 1,212 square feet, pool, 3 parking spaces. UNC N busline, available August 1st week. 500 Unstead Drive. Remodeled!! Clean. Call 864-630-7412 or email [risaip@aol.com](mailto:risaip@aol.com).

### Announcements

**HEALTH PROMOTION GRAD ASSIST'S** sought by UNC Counseling and Wellness Services for 15-20 hrs/wk employment 08/2008 to 05/2009. Full job description can be found at <http://campushealth.unc.edu>, 919-966-3658.

**FULL-TIME CUSTOMER relations manager.** University Directories, the nation's premier publisher of campus telephone directories, is hiring a permanent customer relations manager. The applicant should be professional, articulate, organized, detail oriented, thorough, accurate, efficient. They must show initiative and enthusiasm. A bachelor's degree is required. Basic computer and accounting skills, along with phone etiquette and management skills are helpful. Please send resume to: [nfrazer@ivc.com](mailto:nfrazer@ivc.com).

**SALES AND MARKETING MANAGER** for growing local media company, The Carboro Citizen, a weekly community newspaper and web site, is looking for a person with experience, enthusiasm and an entrepreneurial spirit to take us to the next level. A great opportunity for a person with a background in ad sales and creative marketing. Email [publisher@carborocitizen.com](mailto:publisher@carborocitizen.com).

### Announcements

**HOME AND GROUNDS MAINTENANCE.** Full-time or part-time. Applicants need to be well motivated and able to work alone. No experience necessary, but helpful. Must have own transportation. Position located in Chapel Hill. Email [hwblakessoc.net](mailto:hwblakessoc.net) or call 919-968-8848.

**EGG DONORS NEEDED.** UNC Health Care seeking healthy, non-smoking females 18-32 to become egg donors. \$2,500 compensation for COMPLETED cycle. All visits and procedures to be done local to campus. For written information, please call 919-966-1150 ext. 4 and leave your current mailing address.

**BUSY RETINOVASCULAR PRACTICE** seeks friendly, motivated, energetic individual to work as an ophthalmic assistant. Will be trained to use ultrasound electrodiagnostic equipment and multiple instruments used in the diagnosis of retinovascular disease. Candidate would find experience challenging and fulfilling. Fax resume to 919-787-3591.

### Announcements

**RECYCLE ME PLEASE!**

**PROGRAM COORDINATOR** needed for pregnancy prevention program for girls. Spanish speakers and women of color encouraged to apply. Visit [www.womenpage.org](http://www.womenpage.org) or call The Women's Center 919-968-4610.

**PAYROLL SPECIALIST** for a growing Chapel Hill payroll and HR firm. Enjoy 31 hour work week with benefits while participating in a variety of payroll related, client support functions. Will train right candidate. Email resume: [mark@meplusinc.com](mailto:mark@meplusinc.com).

**SITTER NEEDED FOR SMALL DOG.** Crate trained, approximately 3 hours in the afternoon M-Th. \$5/day. 919-682-4730.

**BARTENDING!** Up to \$300 a day. No experience necessary, training available (fee). Call 1-800-965-6520 ext. 105.

**RESEARCH STUDIES SMOKING RESEARCH:** Cigarette smokers with no known health problems between the ages of 18-50 are needed for research studying the effects of smoking on the brain at Duke University Medical Center. Compensation up to \$350 will be provided. Call Avery at 919-684-9593. Pro00007082.

## HOROSCOPES

If June 26th is Your Birthday...

This year is about changes, and there will be a lot of them. If you've been thinking about implementing a few, work up your plans. You'll get your opportunity, so be prepared.

To get the advantage, check the day's rating: 10 is the easiest day, 0 the most challenging.

**Aries (March 21-April 19)**  
Today is a 5 - Sometimes you're bold and bouncy, but you don't always have to be. It's good, every once in a while, to take some time off to vegetate.

**Taurus (April 20-May 20)**  
Today is a 7 - When you do what you love, the money is supposed to follow. If you haven't noticed that happening, maybe you need to work on your skills.

**Gemini (May 21-June 21)**  
Today is a 7 - Your suggestion gains acceptance. Somebody else's doesn't. So what are you waiting for? Get your ideas out there! There's not a moment to waste.

**Cancer (June 22-July 22)**  
Today is a 7 - Better not talk about your plans; you may want to change them. Pay special attention in traffic, too. There's plenty of confusion out there.

**Leo (July 23-Aug. 22)**  
Today is a 5 - You're interested in big winnings, but you'll find big losses if you gamble now. Conditions improve tomorrow. Do something else until then.

**Virgo (Aug. 23-Sept. 22)**  
Today is a 7 - An ongoing controversy can turn out for the best. You can find a better alternative than anything you have now. Keep shopping.

**Libra (Sept. 23-Oct. 22)**  
Today is a 5 - Research and Development is a big part of any creative endeavor. Part of the job, however, is discovering what won't work. That's how you make progress.

**Scorpio (Oct. 23-Nov. 21)**  
Today is a 7 - Resist the temptation to gamble. This will not be easy. Keep all your receipts when you go shopping, too, especially on big-ticket items.

**Sagittarius (Nov. 22-Dec. 21)**  
Today is a 5 - If you're bartending, it's always good to have something you can throw away. Hold onto the most important things. Let go of something you don't need, with a grimace.

**Capricorn (Dec. 22-Jan. 19)**  
Today is a 7 - Your past and your future are clashing. Do something about it. Apologize, or whatever it takes to free yourself from an anchor that's holding you back. Break free.

**Aquarius (Jan. 20-Feb. 18)**  
Today is a 5 - You may just have to say no to an associate's suggestion. Set aside your altruism for a moment and be practical. Do everything, even charity, in moderation.

**Pisces (Feb. 19-March 20)**  
Today is a 7 - Don't push your luck. Although it seems like everything's going your way, there's at least one obstacle you'll still have to overcome. Watch out for it.

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