Alumna named in Islamic State
email to Foleys

Militants asked for release of
accused al-Qaida operative

By Leon Lin

Islamic State militants told the family of journalist James Foley, whom the group beheaded last week, that they had previously offered to return captured Americans in exchange for the release of Aafia Siddiqui '95, an MIT alumna and alleged al-Qaida operative.

The militants called Siddiqui “our sister” in their email, which was released by GlobalPost last week.

Siddiqui was accused of firing at American soldiers in Afghanistan as they were taking custody of her in 2008. She was found guilty of attempted murder and assault in 2010 and is now being held in Fort Worth, Texas. Born in Pakistan, Siddiqui immigrated to the U.S. in 1990, according to press reports. In 1995, she graduated from MIT with a bachelor’s in biology. While at MIT, she lived in McCormick Hall.

IS&T offers Dropbox for Business to MIT

Last Thursday, MIT and Dropbox, the file hosting service, announced a new program to provide Dropbox for Business to all MIT students, staff, and faculty. All MIT users will fall under what Dropbox calls a “team.” According to the agreement, Dropbox for Business will offer unlimited storage space and recovery of deleted files to all users.

Dropbox was founded by Arash Ferdowsi ‘08 and Drew Houston ‘05. Houston spoke at MIT’s Commencement in 2013.

‘08 and Drew Houston ‘05. Houston spoke at MIT’s Commencement in 2013.

Users can sign up via Touchstone online at dropbox.mit.edu.

Ex-prof, alum son plead guilty to hedge fund fraud

Bitrans, who allegedly scammed investors of $140 million, face fines and up to 5 years

By Beth Healy

A former associate dean of MIT’s Sloan School of Management and his son have pleaded guilty to securities fraud and obstruction of justice after allegedly losing $140 million of investors’ money in hedge funds.

Gabriel Bitran PhD ’75, a 69-year-old Newton resident, and his son Marco Bitran ’97, allegedly attracted investors from 2005 through 2011 by promoting to invest using a complex mathematical trading model developed by Gabriel Bitran at MIT. They brought in $500 million, but in reality invested much of the money in other hedge funds, according U.S. Attorney Carmen M. Ortiz in Boston. As the financial crisis hit in the fall of 2008, several of the Bitrans’ hedge funds had “disastrous losses,” according to Ortiz’s office, resulting in investors losing 50 percent to 75 percent of their principal. Some of the money was invested with New York financier Bernard Madoff, who was convicted in 2009 of defrauding investors of billions of dollars and was sentenced to 150 years in prison.

Meanwhile, the Bitrans withdrew about $31 million of their own money from the hedge funds, prosecutors alleged, while forcing customers to wait to redeem money from their GMB Capital Management, later renamed ClearStream Investments. “The Bitrans thereby extracted much of the value of their own investments while leaving other investors to suffer more losses,” according to the US attorney, that they had acknowledged to each other in e-mails, 16 percent to 23 percent for over eight years.

Bitrans paid themselves millions of dollars as the funds’ values declined precipitously, leaving other investors to suffer more losses as the funds’ values declined precipitously. The Bitrans thereby extracted much of the value of their own investments while leaving other investors to suffer more losses, as the funds’ values declined precipitously. In addition, the US attorney said the Bitrans paid themselves millions of dollars in management fees.

The Bitrans falsely told investors they had delivered average annual returns of 16 percent to 23 percent for over eight years, prosecutors said. Father and son acknowledged to each other in e-mails, cited by the US attorney, that they had

Students rode the Scourge of the East, a Viking-themed pendulum swing built by residents of East Campus for the East Side Party, a Residence Exploration (REX) event, on Sunday night. The East Side Party featured a three-story fort complete with a fully functioning roller coaster, ramen-noodle wristing, and 3D Twister.

PROFESSOR EMERITUS DIES

John S. Waugh’s obituary. NEWS, p. 9

SOME DORM ADVICE

Somewhere on the Search for Meaning. FUN, p. 6

FEELING BORED?

Try the Saturday Stumper crossword. FUN, p. 5

SUPERHEROES IN BEANTOWN

The Tech covers Boston Comic Con. CAMPUS LIFE, p. 7

MORE REX EVENTS

The Daily Confusion. SECTION, p. 10

SECTIONS

World & Nation . . . . . 2
Opinion . . . . . . . . 4
Fun Pages . . . . . 5
Campus Life . . . . . 7
Daily Confusion . . . 10

IN SHORT

Online registration for classes this semester is now open at https://registration.mit.edu. Schedule meetings with your advisor’s registration for classes this semester is now open at https://registration.mit.edu. Schedule meetings with your advisor’s registration for classes this semester is now open at https://registration.mit.edu. Schedule meetings with your advisor’s registration for classes this semester is now open at https://registration.mit.edu.

Quarter 1 PE registration opens at 8 a.m. on Wednesday, Aug. 27 for undergraduates and closes at 1 p.m. Wednes- day, Sept. 3. Graduate student registration opens at 8 a.m. on Tuesday, Sept. 2. Register online at https://q1pe.mit.edu/winter/student.

The First Year Residence Exchange (FYRE) applications close at 2 a.m. on Aug. 27. Results will be released after 5 p.m. that day.

The annual Student Loan Art Program Exhibition and Lottery opens Friday, Aug. 29. View the collection at the List Visual Arts Center, and enter the lottery by Sept. 7 to borrow a work from the collection.

Send news information and tips to news@tech.mit.edu.
No link found for deaths and veterans' care delays

An investigation by the watchdog office for the Department of Veterans Affairs has been unable to substantiate allegations that 40 veterans may have died because of delays in care at the veteran medical center in Phoenix. The report was a letter from the inspector general of Veterans Affairs.

The allegations of deaths created a national scandal that eventually led to the ouster of the previous secretary of Veterans Affairs, Eric Shinseki. The trimming and manipulation of waiting list data in Phoenix and other veteran medical centers also led to passage by Congress of a bill to give veterans access to medical providers.

The director of the Phoenix hospital, Sharon Helman, has been placed on leave and the department has begun the process of firing her.

A report by the department's office of inspector general is expected to be released this week that will describe findings from its investigation into Phoenix.

However, a letter sent from the new Veterans Affairs secretary, Robert A. McDonald, to the inspector general was unable to prove a link between the deaths of 40 veterans and delays in care.

"It is important to note that while O.I.G.'s case reviews in the report document substantial delays in care, and quality of care concerns, O.I.G. was unable to conclusively assert that the absence of the necessary capacity is attributable to the veteran's death. In each veteran's case there were minor changes."

Two sources also told the Associated Press that veterans were waiting too long for care, but there is misbehavior or masking how veterans were waiting for care.

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Facebook takes steps against ‘click bait’ articles

Facebook announced Monday that it had adjusted the way it surface stories called “click bait” — items that tempt readers with a beguiling headline, but don’t deliver much substance.

The move, announced on Facebook’s news blog, is the latest in a development between the company, which can drive an enormous amount of traffic to news sites, and those sites, which specialize in lists and in online memes.

"I am relieved that they didn’t attribute deaths to delays in care, but it doesn’t excuse what was happening," Gibson said. "It’s still the case that the actual issue here is that veterans were waiting too long for care, and there was misbehavior or masking how long veterans were waiting for care."


Syria declares its readiness in efforts to fight jihadists

By Ben Hubbard

New York Times

BAHRAIN — Syria's foreign minister said Monday that his government was ready to cooperate with international efforts to fight the extremists of the Islamic State. But in a nod to the possibility of expanding its stateside allies, he warned that any action inside Syria without the government's approval would be considered "aggression."

The offer by the minister, Walid al-Moallem, appeared to be a preliminary effort to rehabilitate the international standing of his government, which has been condemned by the United States and others for its brutal tactics in the country's civil war and against the popular uprising that preceded it.

In comments to reporters in Damascus, al-Moallem seemed well aware of how greatly the rise of Islamic State in both Syria and Iraq had changed Western views toward the region. He presented his government as the natural partner in the fight against jihadist groups.

"Syria is prepared to cooperate and coordinate regionally and internationally to fight terrorism," he said, stipulating that all efforts had to go through the Syrian government.

Western alarm about Islamic State, the extremist group that controls a swath of territory across the Syria-Iraq border, has spiked since it released a video showing an Islamic State fighter beheading American journalist James Foley last week.

Al-Moallem condemned the killing of Foley and suggested that a failed raid into Syria by U.S. special operations forces seeking to free him could have succeeded with Syrian government help.

"If there had been coordination beforehand, I tell you that the chance of failure would have been weak," he said.

The United States has been conducting airstrikes on Islamic State positions in Iraq — an effort that officials have suggested could extend into Syria. Last week, the chairman of the Joint Chiefs of Staff, Gen. Martin E. Dempsey, said that Islamic State could not be defeated in Iraq without attacks on its bases in Syria.

Responding to that possibility, Moallem said any such strikes launched unilaterally would be considered an act of war.

"Any violation of Syrian sovereignty from any side is aggression," he said.

Anti-government activists have long accused the Syrian government of allowing Islamic State to expand because its presence helped strengthen the civil war. Islamic State was good at killing rebels and strengthened the government's argument that it was facing a terrorist plot, not a popular uprising.

But as Islamic State has overshadowed the rebel movement, it has increasingly fought the government directly, often winning.

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French cabinet is dissolved, a victim of austerity battles

By Dan Bliflsey and Liz Alden

The New York Times

PARIS — The collapse of the French government Monday exposed widening divisions both within France's leadership, and Europe more broadly, over austerity policies that many fear could threaten to tip the eurozone back into recession.

Prime Minister Manuel Valls announced that he would dissolve his government after a rancorous debate that has left France's leadership, and Europe more broadly, over austerity policies that many fear could threaten to tip the eurozone back into recession.

The dispute broke into the open time soon. Hollande acknowledged the problems his government faced, saying in an interview last year, "I tell you that the government's approval would be a trap of austerity that it is imposing on us."

The cabinet reshuffle precipitated by those comments was the second major shake-up since Hol- lande took over the presidency in 2012. Since then, the French economy has been flat, and Hollande has been dogged by some of the lowest approval ratings in the history of the Fifth Republic.

The government collapse did more than throw France's poli- tics into disarray. It also barred the growing disagreement between France and Germany — Europe's biggest economies — over whether Merkel's prescription of austerity threats to turn a five- percent deficit into a surplus as quickly as possible would cause the Malaise of low growth and high unemployment.

The announcement in Paris coincided with a visit by Merkel to Spain, where she praised Prime Minister Mariano Rajoy for austerity measures that included a freeze on public salaries and more flexible labor laws.

As the cabinet collapse is dissolved, a victim of austerity battles in 2014:

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Cristobal forms as hurricane of hurricane season reaches peak

By Vinay Agarwal

Staff Meteorologist

Tropical Storm Cristobal formed on Sunday, just off the northeast coast of the Bahamas. Cristo- bal is the third named tropical cy- clone of the 2014 Atlantic hurricane season, and like Hurricanes Arthur and Bertha before it, Cristobal is forecast to become a hurricane later this week. Although the storm is forecast to become a hurricane, it will not pose a threat to the United States, as strong mid-level westerly winds along the equator will prevent the storm from making landfall.

However, another tropical cyclone could be developing in its wake: A dis- organized group of showers and thun- derstorms is currently traveling west- ward in the Atlantic Ocean between the coast of Africa and the Lesser Antilles. The National Hurricane Center gave the system a 10 percent chance of becoming a tropical cyclone by the end of the week.

A closer look at the weather

Weather Systems

Mostly sunny with a slight chance of showers, high 92 °F (33 °C). Breeze could help temperatures top 95 °F (35 °C). Precipitation will be light, but could increase as the week goes on. Light breeze.

Situation for noon Eastern time, tuesday, august 26, 2014

Sunny, highs in the mid 70s °F (24 °C).

Friday:

Mostly sunny with a slight chance of showers, high 92 °F (33 °C). Breeze could help temperatures top 95 °F (35 °C). Precipitation will be light, but could increase as the week goes on. Light breeze.

Saturday:

Sunny, highs in the mid 70s °F (24 °C).
Strikes in Libya broaden fight for power

By David D. Kirkpatrick and Erik Pankow
THE NEW YORK TIMES

CAIRO — Twice in the last seven days, Egypt and the United Arab Emirates have sent forces into Libya to launch airstrikes against Islamist-aligned militias fighting for control of Tripoli. On Saturday, state officials said, in a majorescalation of a regional dispute, a strike that set off by Arab Spring revolts.

The United States, the officials said, was not involved in the strikes and the Emirates, both allies and military partners, acted without informing the U.S., leaving the Obama administration on the sidelines.

The officials said the United States had no plans to notify the Assad government of the planned flights. Obama, who has repeatedly called for the ouster of Assad, is said to be as least as concerned about the violence in Tripoli as about the operations.

As a result the Pentagon is drafting military options that would start by striking the outskirts of Tripoli, and the SA-80 anti-aircraft missile site in Damascus, the officials said.

On Monday, Syria warned the U.S. that it needed to coordi- nate its military action with the Syrian government and its military partners, acted in what appeared a new blow to the intervention could further inflame the Libyan conflict as the United Nations and Western powers are seeking to broker a peaceful settlement.

Officials said the government of Qatar has already provided weapons and support to the Islamist-aligned forces inside Libya, and the partition gridlock in Congress.

The U.S. government argues that paying ransoms only creates a relationship between the government and its hostage-takers, who have been infected and 1,427 had died.

Ebola and personal protection measures are taken. The health organization said Monday, and half of them have died.

The health organization said Monday, and half of them have died. But instead of paralyzing the partisan gridlock in Congress, the commission has split into two camps, reflecting a deep ideological divide over how aggressively to regulate money in politics that mirrors the partisan gridlock in Congress.

The case was just one of the many instances in recent days that U.S. diplomats were fanning about the airstrikes, believing that the Emirati government could further inflame the Libyan conflict as the United Nations and Western powers are seeking to broker a peaceful settlement.

Campaign lawyers of both parties say that most large campaigns, if they are found, if informally, affected the rules governing campaigns, because they provide the framework within which the rules are applied, but has also helped create de facto rules on emerging issues. voters have gone outside groups simply by signaling what standards they are willing to enforce.

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Curtis, 45, a freelance journalist, was reporting in Turkey near the Syria border in the fall of 2012 when he was last heard from. He was not officially declared missing by the Qataris or any other party that there was anything more than a few days that his family believed it.

Curtis was handed over to U.N. peacekeepers in the Golahan Heights on Sunday. After a medical checkup, he was transferred to U.S. officials who brought him to Tel Aviv, where he remained on Monday and was receiving medical evaluation. "He appears to be in good health," Psaki said.

The issue has caused a rare disagreement between the government of Qatar and its Western partners, and signals a break with an international consensus.

The scenes of violence at the Cascavel prison suggest that the administration official said. Although the authorities announced an agreement had been reached with the prisoners and that they would end a bloody prison uprising in southern Brazil that has left at least 13 people dead, but that was attributed in part to his age, 75.

The new government and its back-ers have largely eschewed the automobile industry and other sectors that are not acting as risk-averse, then you can sit down and have a conversation with the minister of economy, for example, or perhaps even slowed their recoveries.

The intervention could further inflame the Libyan conflict as the United Nations and Western powers are seeking to broker a peaceful settlement.

The administration is also moving to bolster U.S. support for the opposition forces.

For the administration official said.

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Sudoku
Solution, page 8

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

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Techdoku
Solution, page 8

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

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Saturday Stumper by Frank Longo
Solution, page 8

ACROSS
1 It can be hard to loosen you up
11 Some benefit packages
19 Without stopping
21 Largest French commune by area
22 Underhit, say
24 Operators standing by?
27 First name of the father of Modern Chemistry
30 Like __
33 Submits
35 Rake over the coals
36 E! reality series host, 2011-13
41 Onetime Navy fighter plane
42 How some say “some”
44 Less likely to gush
46 Name of 10+ Swedish kings
48 Hero for the Fonz
50 Connection points for hooks
52 Moment
53 2004 Rock Hall of Fame inductee
56 They play for the oldest school in the Pac-12
59 FDR was seen on it in ’39

DOWN
1 Stoked
2 Pastime for Captain Picard’s senior staff
3 Person asking too much
4 Provided lavishly, with “out”
5 City northeast of Cambridge
6 They’re hard to pin down
8 Capital of Bahrain
9 Numbers for brooders
10 Out of business: Abbr.
11 Open
12 Efficient
13 Deputy
14 Features of many antique dolls
15 Apt name for a worrywart
16 Discern
17 Line of gravity
18 High in the Andes
19 React to a slug
20 Trial topic
21 Largest French commune by area
22 Undershot, say
23 Driving hazard
25 They keep Google running
26 Offerer of eNav
27 Enjoyed the sound, say
30 Like __
31 Superior
32 One chained to a counter
33 Submits
36 E! reality series host, 2011-13
37 Uninflected
39 Pull out all the stops for
40 Athlete hoping not to be thrown out
41 Onetime Navy fighter plane
42 Fixation
43 How some say “some”
44 Less likely to gush
46 Name of 10+ Swedish kings
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56 They play for the oldest school in the Pac-12
59 FDR was seen on it in ’39

[1408] March of the Penguins

Ok, I get it. We’re all aging.

I’m not trying to make you feel old. They were alive last night.

I’m trying to apologize.

You just getting older, huh.
Learn how to earn.

And save. And spend.

MIT Federal Credit Union is here to help build your financial independence. As part of MIT’s Freshman Exploration Program, join us for one of our valuable 30-minute sessions covering topics such as:

- Banking Basics - setting-up and using Checking Accounts and Debit Cards
- Access to your cash on and off campus
- Budget tools including Visa credit cards and other borrowing options

Space is limited so arrive early to get a seat. See you there!

Thursday, August 28th | Student Center (W20), Room 491
Session 1 @ 11:00am | Session 2 @ 2:00pm

Call: 617-253-2845 | Click: mitfcu.org | Visit: Cambridge: 700 Technology Square (NE48); Student Center (W20 116)
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CONVENTION REVIEW

Boston Comic Con

Superheroes (and their creators) descend on Beantown

By Steve Sullivan

Boston Comic Con has grown so much in recent years that it increased from two to three days in length this year. I thought I might be too tired to experience BCC after attending San Diego Comic Con only two weeks earlier, but thankfully this convention offered a less intense atmosphere. More than anything else, the show focused on providing a venue for comics enthusiasts to meet and interact with some of their favorite artists and writers.

Although most artists charge for commissions, it’s always good to ask if they’ll sketch you something. One drew a quick sketch of The Flash’s head for free.

Before the convention kicked off, I had already made a list of several creators I wanted to meet and set about tracking them down. To meet current Batman creative team Scott Snyder and Greg Capullo, I had to obtain a ticket and wait a few hours. However, to meet most other creators, I only had to wait behind a few people. I’ve started taking a sketchbook to conventions to collect autographs and sketches from favorite creators in one place. Although most artists charge for commissions, it’s always good to ask if they’ll sketch you something. One artist I met, Marco Takara, current series artist on Captain Marvel, was charging upwards of $100 for professional drawings of characters, but drew a quick sketch in my sketchbook of The Flash’s head for free.

One difference I noticed between Boston and San Diego Comic Con was that more people seemed interested in buying comic books at the Boston show. Eric Porter, a writer selling issues of his self-published comic, Nightshadows, sold nearly all the copies he brought with him. As at any con, fans also browsed booths full of pop culture merchandise. I bought one of the official Boston Comic Con shirts bearing Rocket Raccoon (from the summer blockbuster Guardians of the Galaxy) alongside the BCC logo.

Other attractions included celebrity guests such as Sean Astin, who played the hobbit Samwise Gamgee in the Lord of the Rings trilogy. Unlike with the comics professionals, interacting with the celebrities carried an additional charge of $40 for autographs and $60 for photos with them. Many attendees chose instead to take pictures with the multitude of cosplayers roaming the hallways, whose intricate costumes never cease to amaze. Cosplayers did their best to make the experience memorable for fans. I saw a Pikachu cosplayer take on a Deadpool cosplayer in staged combat! My only real disappointment in the multitude of cosplayers roaming the hallways, whose intricate costumes never cease to amaze. Cosplayers did their best to make the experience memorable for fans. I saw a Pikachu cosplayer take on a Deadpool cosplayer in staged combat! My only real disappointment was to see, I still left the show floor a happy fan.

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Siddiqui went on to study neuroscience at Brandeis University, where she received her PhD in 2001. While in the Boston area, Siddiqui married and had three children. After she returned to Pakistan in 2002, she divorced her first husband and married Ammar al-Baluchi, who was allegedly involved in the financing of the Sept. 11 attacks and is now being held at Guantanamo Bay.

Siddiqui went missing shortly after the FBI put her on a ‘wanted’ list. But five years later, in a region where most women were illiterate, an Afghan shopkeeper saw her drawing a map and found it suspicious, according to press reports. That day, Afghan police found instructions and chemicals for making bombs in her bag and arrested her.

Later in 2008, when she was to be transferred to Americans, she grabbed an M4 automatic rifle and fired at the FBI agents and U.S. Army officers present, prosecutors said. She was subdued after being shot in the abdomen.

The circumstances of Siddiqui’s extradition and trial in the U.S. won her sympathy among Pakistanis. During Siddiqui’s trial, her lawyers argued that she suffered from a mental disorder, but a judge found her competent to stand trial, and she was ultimately convicted.

Interested in startups?
Thinking about founding, working for, or investing in a hi-tech startup? Involved in cutting-edge research that could be the basis for a venture?

15.524 Launching a Startup
Legal tools and frameworks

Fall 2014, Mondays, 4-7pm
E51-335 (pizza served)
Full course (9 units), Pass/Fail only
No Prerequisites
No previous experience expected
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Solution to Sudoku
from page 5
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Solution to Techdoku
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Solution to Crossword
from page 5
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John Waugh, emeritus chem prof, dies
Connecticut native known for work in nuclear magnetic resonance

John S. Waugh, an MIT Institute Professor emeritus and professor emeritus in the Department of Chemistry, died Friday, Aug. 22, at the age of 85. Waugh was an authority in chemical physics, known internationally for his work in magnetic resonance.

Waugh's pioneering work in nuclear magnetic resonance (NMR) made it possible to study the molecular structures of proteins involved in Alzheimer's and Parkinson's diseases, diabetes, and many other disorders. NMR uses the magnetic properties of atomic nuclei to unravel the structures and dynamics of substances containing those nuclei. In NMR, the magnetic moments of atomic nuclei are stimulated with static and radiofrequency magnetic fields, and give rise to signals useful in a variety of applications — from medical imaging to spectroscopy.

"He was an extremely humble giant in the development of solid-state nuclear magnetic resonance spectroscopy," says Sylvia Ceyer, head of the Department of Chemistry, "His keen wit, razor-sharp intellect, and extraordinary sense of humor made him a treasured jewel amongst his colleagues."

Born in Willimantic, Conn., in 1929, Waugh received his bachelor's degree from Dartmouth College in 1949, graduating summa cum laude with highest distinction in chemistry. He received his PhD in chemistry and physics from Caltech in 1953. He came to MIT as an instructor in chemistry that same year, and became assistant professor in 1955, associate professor in 1959, professor in 1962, and the Arthur Amos Noyes Professor of Chemistry in 1973.

As a grad student in the lab of Caltech chemistry professor Don Yost, Waugh built his first NMR system with a borrowed magnet and some World War II surplus electronics. When he arrived at MIT, NMR was already a valuable tool for the study of molecular structure — but only for liquid samples.

In the 1960s Waugh developed a way to use NMR to study solids by applying a special sequence of sharp, intense pulses of radiofrequency power. This made NMR useful for analyzing things that don’t dissolve in water, including proteins, nucleic acids (such as DNA), and some drugs. This technique eventually played a role in many of the past half-century's discoveries in chemistry, physics, biology, and materials science; it is now one of science's most widely used tools.

"He basically invented the field of solid-state NMR when everyone else had left the field because they thought it was never going to work," says Robert Griffin, an MIT professor of chemistry who was a postdoc in Waugh's lab in the 1970s. "He made some incredible innovations that have led to many important scientific steps forward, and today solid-state NMR is a vibrant enterprise. There's a huge number of people working in it, and it's all because of things that happened in John Waugh's lab."

In 2011, Waugh told MIT News that he never anticipated the wide impact his work has turned out to have. "I think that's the way most [scientists] are," he said. "You start off doing some limited kind of stuff that makes use of any particular talents or knowledge you happen to have. You don't think of it as being something that's going to revolutionize the world. It's just something interesting to do, and might be fun."

In 1988, Waugh was the recipient of MIT’s James R. Killian Jr. Faculty Achievement Award — an honor bestowed by faculty colleagues in recognition of extraordinary professional accomplishments and service to the Institute. In 2011, he received the Welch Award, given for basic research that benefits humankind.

"Dr. Waugh discovered how to use NMR to study solids, creating a collection of tools that allows researchers to view the structures and properties of proteins, membranes, viruses and many other critical components of life," said Ernie H. Cockroft, chair of the Welch Foundation, in presenting Waugh the award. "Ultimately, new applications in fields as diverse as medicine and batteries can trace their way back to the research techniques he initiated."

Waugh also won the Wolf Prize in Chemistry in 1983. He was a member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, and a former chairman of the Division of Chemical Physics of the American Physical Society. He received Dartmouth’s Baseline Chemistry Prize in 1949, the Humboldt Prize in 1972, the Irving Langmuir Chemical Physics Award in 1970, the Pittsburgh Spectroscopy Award in 1978, and Caltech’s Distinguished Alumnus Award in 1967. In 1989 he received an honorary doctorate from Dartmouth.

Waugh is survived by his wife, Susan, of Lincoln, Mass., a daughter, Alice, of Lincoln, Mass.; a son, Frederick, of Austin, Texas, and five grandchildren, Sarah and Rebecca of Lincoln, Mass., and Jack, Ted, and Sam of Austin, Texas.

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Tuesday, August 26, 2014

10:15 - Next House
Simmons Hall
Meet in the Baker Lobby and we’ll head out to Victory BBQ! Prepare for war!

10:00 - New House
MacGregor
Next Bake Dinosaur Cookies: Some say that this freshmen runs up behind me and says “is this on the way to Baker House?”

9:30 - New House
New House
Next Bake Dinosaur Cookies: Some say that this freshmen runs up behind me and says “is this on the way to Baker House?”

6:45 - Next House
Simmons Hall
and Next House race for West Campus dominance in a human-drawn chariot race. Follow the race down to the West Water War!

17:00 - Senior Haus
Prepare for war

17:00 - Simmons Hall
Simmons: Next Chaser House?

17:47 - Random Hall
Random Plays Random: Up! Up! Left! No, your not. Right! Come play video games! Twitch Plays Pokemon style, with other for great glory!

18:00 - New House
Taste of New House: New House has nine individual houses, and every single one of them has its own distinct culture and personality. Go get to know the people of New House while eating food cooked by our numbered and cultural houses.

18:00 - Burton Conner
Floats on Floats on Floats: Float through REX and drink anything from apple pie floats to classic root beer floats to lime soda float us!

18:00 - Simmons Hall
The Consolation Dinner: In the rare case that we lose, we’re at least have plenty of food to drown away our sorrows!

18:00 - Next 2W Dungeons & Dragons: Come, student residents you have fellow adventurers at Moritzs Institution for the Talented. We welcome all from first-time mages to experience grinding. New House
Next 2W Dungeons & Dragons: Come, student residents you have fellow adventurers at Moritzs Institution for the Talented. We welcome all from first-time mages to experience grinding.

18:30 - MacGregor
Wear any clothes you want! You’ll be getting a huge asteroid caused massive extinction!

17:47 - Senior Haus
Prepare for war

17:00 - Simmons Hall
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Wear any clothes you want! You’ll be getting a huge asteroid caused massive extinction!
have the opportunity to sample an array of foods and then guess what it is!

15:30 — EAsT camPUS next you wear glasses and swirl it and see if it develops legs or everything

08:00 — Simmons Hall Mystery Bakeoff: You have to be a detective to figure out what we’re having for breakfast this morning, but you don’t have to be a detective to eat it!

06:30 — Maseeh Hall Cupcake Breakfast: Stayed up all night? Come fuel up for an exciting day the right way: with a scrumptious assortment of pancakes! Make them your own with rainbow-colored batter!
Thursday Events:

Dinner with *The Tech*
(6:00–7:00)
Come and meet the friendly staff that make MIT’s only newspaper over free food!

Open Issue Night
(7:00–10:00)
Stick around after dinner to see how the paper is made!

Like what you see?
We’re *The Tech*, MIT’s only newspaper, and oldest student activity. Drop by our office in W20-483 to chat and see our departments at work, or email us at join@tech.mit.edu.

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