

NIMBLE PARTNERS

Proposal for MIT IS&T

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1 Background

Nimble Partners is a Brookline-based user experience design firm committed to making technology and information work for people.

We work with software development, higher education and nonprofit organizations to design web applications and information-rich sites that help people work, find and learn.

We formed Nimble Partners in 2004 because we're inspired by communications that resonate and make understanding easier. With a combined 35+ years experience, we have helped clients such as MIT, Harvard University, Tufts University, Endeca, Texterity, Curaspan Healthgroup and others communicate successfully by providing expert visual design, information architecture, and usability and interface design services that focus on what people value.

Select past and current clients include:

Asian University for Women

Buzzillions.com (with Nine By Blue)

Curaspan, Inc.

Diamond.com

eLearn Magazine

Endeca

Framingham State College

Kayak.com

Korn Design

Harvard University Center for Wellness

Harvard University Graduate School of Design

MIT CSAIL

MIT Center for Transportation & Logistics

MIT Dean for Undergraduate Education

MIT Division of Student Life

MIT Drawing Information Systems

MIT Facilities

MIT Housing

MIT Human Resources/Benefits

MIT Medical

MIT Office of Faculty Support

MIT Sloan School Executive Education

MIT Sloan School Media Relations

MIT Vice President for Finance

Napster

New England Foundation for the Arts (NEFA)

Stoltze Design

Texterity

Tufts University Advancement

Umbra. Ltd.

2 Partners

Deborah Levinson

Designers, engineers, and communications professionals speak very different languages. I help bring them all together, and I've been doing this for the past 16 years in both higher education and the corporate world.

I'm an MIT graduate, though with an unusual degree — a bachelor's in creative writing — so I'm a geek, but one who expresses herself through the written word rather than through code. I'm also a co-author of *The MIT Guide to Teaching Website Design*, published by the MIT Press in April 2001.

Tania Schlatter

My greatest professional satisfaction comes from designing interfaces and communication systems that help people find what they are looking for, easily complete a oncelaborious task or learn something new by making connections across topics and time.

I have an M.Des. in human-centered communication design from the Institute of Design in Chicago, studied with Paul Rand and Armin Hofmann in Brissago, Switzerland and earned a BFA in graphic design from Boston University. I've been practicing design for 20 years. In that time I've learned a lot of ways to involve people in the interaction design process for better results, and am very good with visual systems, grids and Helvetica.



Deal.



Jamie Schlady

3 Description of proposed work for MIT Information Services and Technology

Information Services and Technology (IS&T) provides computing, networking, telephony, and other hardware and software systems support for the entire MIT community. With a service catalog this vast, it is difficult to communicate the full breadth of IS&T's offerings, and more important, how the organization can help people solve problems.

Users describe the current home page in conflicting terms: "useful" vs. "hard-to-use"; "straightforward" vs. "confusing"; "comprehensive" and "valuable" vs. "overwhelming" and "frustrating." This indicates that while there's a good foundation, there's still work to do to improve site usability and content findability.

To help IS&T redesign its website to better map to its audience's needs and expectations, Nimble Partners recommends the following set of tasks and deliverables.

Information design

To define how site audiences expect to find the information they're looking for, we need to first understand their situations and patterns of use. IS&T has already conducted some research in this area, and we will review it to identify user goals and expectations, as well as where the site falls short of meeting both.

We will develop a preliminary site map based on the current content inventory, input from IS&T, and user scenarios ("stories" of typical paths users take though the site and their context) that we will begin to create with the team in the kickoff meeting. The scenarios will help keep users' needs in mind as the new site is developed and will inform the creation of paper schematics of key page types to demonstrate proposed content and hierarchy. These schematics will become the foundation for a larger, clickable wireframe necessary for usability testing.

We propose beginning the work with a project kickoff meeting to review business and design goals and IS&T audience research, as well as to discuss user types, goals, and expectations. Following the kickoff meeting we will:

- Review existing site's content inventory and prepare a preliminary site map.
- Identify and document 3-5 primary scenarios of use.
- Develop 5-6 page schematics.
- · Review all with the team and refine twice prior to usability testing.

Usability testing

Based on the site map, user scenarios, and schematics, as well as input from IS&T's Usability team on their desired test protocol, we will develop a wireframe prototype showing the navigation structure and general information hierarchy on sample pages. We will also consult with Usability to help outline the ideal protocol for testing the soundness of the proposed new site structure, and will attend all test sessions. The outcome of these tests will inform our final recommendations for the site map and information architecture, and as part of this, we will refine the wireframe to cover all page types planned for the site. The wireframe will serve as a resource to help the team focus on page structure during the visual design process.

- · Collaborate with Usability team to develop test protocol.
- Work with Pixelslam, our development team, to expand the paper schematics into a clickable HTML prototype (up to 30pp).
- · Review the wireframe and test protocol with the project team; refine wireframe once.
- Observe eight half-hour test sessions with representative site users, either in person at MIT or remotely.
- · Meet with client team to review Usability's findings.
- Refine the wireframe based on test outcome to serve as a reference for visual design, production and copywriting.
- · Meet with the client team and writer to review final site map and wireframe.

Visual design

Although the client team has already sent a list of sites with elements whose look and feel appeal to them, we will meet with the team to review and confirm design preferences and requirements. Based on this information, along with what we learned during the usability phase of the project, we will develop three design directions for the team to review, and refine one selected direction into the full complement of templates.

- · Design kickoff meeting with client team.
- Develop three design directions for three pages (home, second-level, third-level) and review with the client team.
- Refine one direction three times into final list of fourteen templates (including design modifications, if any, for mobile devices).
- Create online style guide to serve as development and maintenance resource and review it in person with the client development team.

4 Project schedule

The following schedule is preliminary. Nimble Partners, Pixelslam, and IS&T will work together to develop the final schedule.

March I Kickoff meeting

Mid-March Site map, scenarios, schematics presented

End of March Site map, scenarios, schematics complete;

usability test and wireframe development begin

Mid-April Usability testing; visual design begins

End of April Usability test results delivered; information design and

usability phase deliverables finalized

Early May First visual design review

Mid- to late May Second visual design review; ATIC Lab design review

Early to mid-June Third visual design review

End of June Visual design complete and delivered to Pixelslam;

site development begins

July Site development continues

Early to mid-August Site development complete; testing phase begins

End of August Site delivers to IS&T

5 Cost estimate

Information design and usability phases \$9,000

Meetings/communication/management \$11,000

Visual design \$16,000

Development consultation \$2,000

Total estimate: \$38,000

The estimate includes all activities and deliverables described in the proposed work section. Pixelslam's estimate for site development will be provided separately.

Compensation for test participants is not included.

Additional optional costs and services

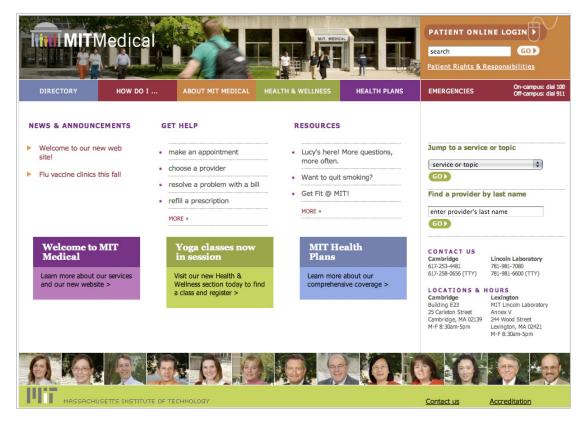
Design changes/edits beyond the scope described herein \$125/hr
Art direction for photography and/or illustration \$125/hr

Costs for photography and/or illustration (commissioned or stock) are not included in this proposal and will be negotiated separately, if needed, based on quantity, size, complexity, style, usage rights, etc.

Assumptions

This estimate is based on the following assumptions:

- MIT will deliver a complete inventory of all site content to Nimble Partners before the project kickoff meeting.
- MIT is responsible for recruiting all test participants, providing a location for tests, developing the test protocol (in collaboration with Nimble Partners), administering the tests, and analyzing test results. MIT will also be responsible for any compensation paid to test participants.







MIT Medical Site Redesign

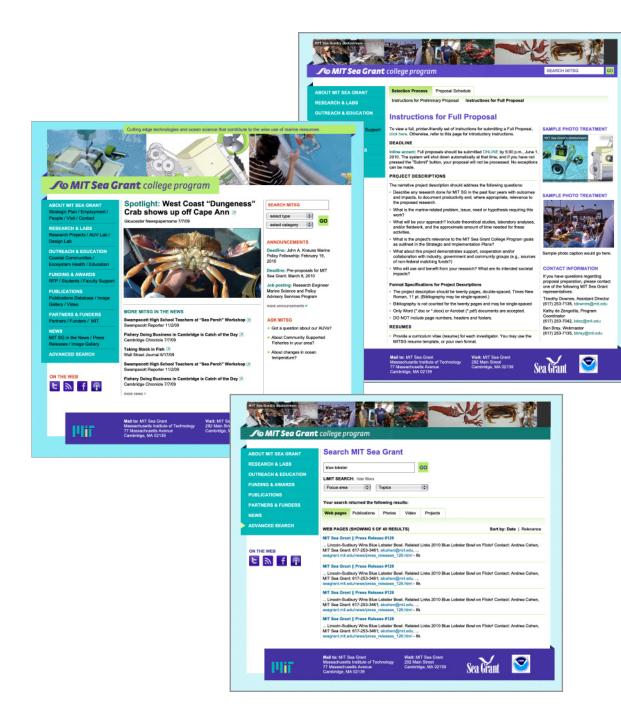
MIT Medical wanted to revise its website to drive health plan enrollment, increase awareness of MIT Medical's program offerings, and encourage student participation in wellness initiatives.

Through card sorting and interview sessions with faculty, staff and students, we discovered that users went to the site when they needed to find answers to very specific, time-sensitive questions, but were often frustrated by the vast amount of site content and its distributed organization.

Focusing the site's design to streamline access to critical information drove decisions during the project, from the question-oriented layout of the home page to a comprehensive online directory that allows users to quickly locate providers and services. We used photos of the staff along with banner images of the facility to help new patients feel welcome and know what to expect in advance of an appointment.

Usability tests confirmed users could locate information more easily and enjoyed the new site structure and features.

http://medweb.mit.edu/



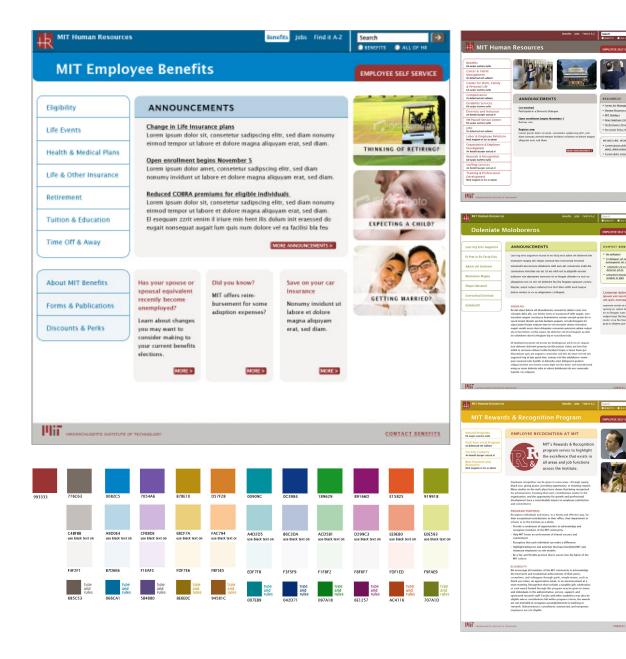
MIT Sea Grant Site Redesign

We redesigned the MIT Sea Grant website, part of a network of national Sea Grant sites, to visually convey the excitement of discovery through research to school-age students and the Sea Grant community.

In addition to being packed with detailed information for researchers, the media and students, the site showcases a vast collection of images dynamically from Sea Grant's Flickr photostream.

Templates provide Sea Grant staff with a system that allows them to update the site frequently and easily.

This site is not yet live, but you can sneak a peek at http://www.nimblepartners.com/sneakpeek/seagrant.html.



MIT HR Templates

MIT Human Resources encompasses many groups, each with their own site and content and promotional needs. The Benefits Office is its largest and most frequently used website.

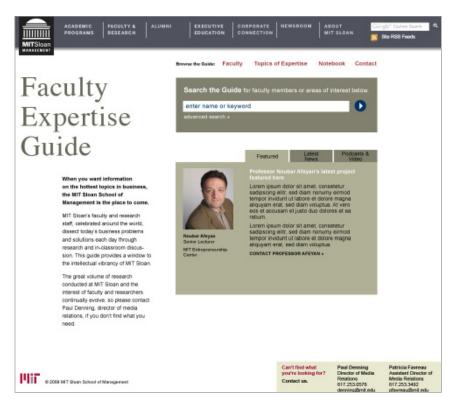
The Benefits team needed a template system they could use to provide structure for the vast amount of content they publish. The system had to be flexible enough to allow Benefits to promote time-sensitive news in multiple ways, while at the same time establish conventions for navigation and information hierarchy to improve usability.

The new design accommodates changing navigation, promotions, and content: each site uses its own color palette and can display unique elements, like logos, but still appears part of the HR family and can be easily edited in Drupal's CMS.

http://hrweb.mit.edu/benefits/

http://hrweb.mit.edu/

http://hrweb.mit.edu/worklife







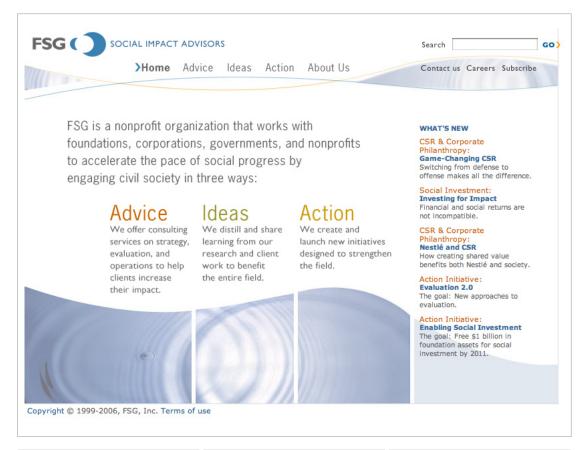
MIT Sloan Media Relations Expertise Guide

MIT Sloan Media Relations connects reporters and members of the media with appropriate Sloan School faculty, researchers and noteworthy School news and events. They published an annual printed guide to faculty expertise, but wanted to move it online, which would allow for more timely updates and eliminate printing and distribution costs.

We designed an HTML prototype that included faceted search as well as multiple paths to the guide content. We talked with reporters as they used the prototype, designed features that supported their work habits, and refined others based on their feedback. The final design allows reporters to search and browse keywords, topics, disciplines, countries, regions or names. Visually, the Guide incorporates elements of the parent Sloan site while serving as a useful and appealing standalone application for reporters who go directly to the Guide on a frequent basis.

http://mitsloan.mit.edu/expertiseguide/







FSG Site and Identity Redesign

Foundation Strategy Group (FSG) converted from a for-profit philanthropic consulting firm to a nonprofit organization. The new FSG, Inc. is a hybrid organization that is an experienced advisor to philanthropic enterprises; a contributor to the knowledge and advancement of the philanthropic field at large; and an incubator of long-term, grant-supported initiatives, all intended to promote positive social impact.

This major repositioning effort necessitated a new identity and the design and launch of a new FSG website. The site was intended to reflect the organization's new status and offerings, and to begin shaping new perceptions about the firm in the minds of it target audiences. Nimble Partners worked with FSG to create a new information architecture that emphasized the firm's structure and brought its provocative work to the forefront. Visually, we designed a new look and feel that maintained FSG's core brand attributes while introducing new associations of warmth, openness and a commitment to learning and contributing to the philanthropic field.

Thank you

for considering Nimble Partners. We'd love to meet with you to learn more about your project and how we can help.

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