What Women Clients Want

Aaron Rendahl original slides by Gary W. Oehlert with revisions by S. Weisberg

> School of Statistics University of Minnesota

February 1, 2010

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010

The Plan

- What makes a satisfied client?
- Aligning consultant and client goals.

Hollywood



In the film *What Women Want*, Mel Gibson's character becomes able to hear the thoughts of women.

He uses this to advance his advertising career.

We cannot read clients' minds, but we must know their needs and preferences.

This makes us better consultants.

This lecture mostly follows Chapter 2 of Derr (2000).

STAT8801 (Univ. of Minnesota)

What Clients Want

February 1, 2010

February 1, 201

Teams

Another interesting feature is teamwork. More and more, in government, industry, and elsewhere, work is done on teams, not individually. Phil Ross (1995):

The most important thing I would like to see is people emerging from graduate school understanding that they are going to play on a team, and knowing how to communicate in that team setting. That is very difficult for people, especially those majoring in mathematics and statistics.

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 3 / 1 STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 4 / 3

Plays Well With Others

We each have

- different personalities,
- different ways of learning,
- different knowledge bases.

True for both consultant and client.

For relationship to work, must meet in middle and build bridges¹.

¹Sounds like a marriage counselor!

STAT8801 (Univ. of Minnesota)

What Clients Want

February 1, 2010

0 5

Happy Clients

What makes a happy client? [handout]

- Accommodating.
- Professional.
- Accessible.
- Easy to understand.
- Writes clearly.
- Enthusiastic.
- Communicates well.
- Addresses client's problem.
- Concerned.
- Good attitude.

Stop me when we get to the part where the client praises the consultant's use of measure theory and second-order asymptotics.

STAT8801 (Univ. of Minnesota)

What Clients Want

February 1, 2010

Making Happy Clients

- Learn about the problem, and its context.
- Learn what the client understands about the problem.
- Fit the solution to the client AND to the problem, not just the problem.
- Empower the client to solve his/her own problems.

Unhappy Clients

What makes an unhappy client? [handout]

- Incomplete explanation.
- Unfinished business.
- Delay.
- Late.
- Irresponsible.
- Non-responsive.
- Poor communication.
- Incorrect.
- Slow.
- Client attitude
- Client expectations
- Unrealistic goals

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 7 / 1 STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010

Quality for Customer Satisfaction

Aligning Expectations

- Availability: can the client contact the consultant.
- Responsiveness: does the consultant react promptly to client.
- Timeliness: is the job accomplished within the customer's stated time frame (or negotiated time frame).
- Completeness: is the job done.
- Pleasantness: did the consultant have professional behavior and manners.

Where's technical accuracy?

Consulting relationships work better when everything is spelled out.

So what do we need to set up?

STAT8801 (Univ. of Minnesota)

What Clients Want

February 1, 2010

STAT8801 (Univ. of Minnesota)

What Clients Wan

Fahruary 1 2010 10 / 1

Issue 1: What is your role?

- What are your responsibilities?
- What is your level of authority?
- How do you participate in decisions?

Trouble if lots of responsibility but not authority or decision making.

Issue 2: What are the roles of others?

- Who has responsibility and authority?
- Who makes the decisions?
- Or how are these divided among the team?

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 11 / 1 STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 12 /

Issue 3: How will communication be maintained?

Issue 4: What are the deliverables?

Who talks to whom?

Regular reports both directions.

A deliverable is a "product" to deliver to the client, a data analysis, design, report, etc.

Deliverables should be relevant to client needs.

Deliverables must be feasible.

STAT8801 (Univ. of Minnesota)

What Clients Want

February 1, 2010 13 /

STAT8801 (Univ. of Minnesota)

What Clients Want

Fahmiami 1 2010 14 / 1

Issue 5: What are the deadlines?

Issue 6: How are you compensated?

What needs to be delivered when?

Are deadlines feasible?

Timeliness is a key to client satisfaction.

This needs to be decided right at the start!

Hourly rates ... any limits on hours? Fixed price agreement? Pro bono?

What about authorship?

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 15 / 1 STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 16 / 1

Issue 7: What are acceptable statistical practices?

Issue 8: Who has ownership rights?

Any legal restrictions?

Standard practice?

Client requirements?

Software requirements?

Decide at the beginning who owns what. Get it in writing.

STAT8801 (Univ. of Minnesota)

What Clients Want

STAT8801 (Univ. of Minnesota

What Clients Wan

Echruany 1 2010 19 /

Issue 9: Security and confidentiality?

What needs to be protected?

How can you assure that it is protected? What procedures need to be in place?

Legal requirements?

Issue 10: When are you done?

You may want to finish.

Client may want you forever.

Establish circumstances under which you participation is done.

You can always make a new agreement to continue.

STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 19 / 1 STAT8801 (Univ. of Minnesota) What Clients Want February 1, 2010 20 / 3

Summary

- We need to develop our skills (not just statistical skills) to be a good consultant.
- Most of client satisfaction is non-technical.
- Establish expectations to frame your role in a project.

STAT8801 (Univ. of Minnesota)

February 1, 2010 21 / 1