



relentless

forcing impact through the gauntlet of an emerging ecosystem

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Art by Paul Sizer

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who
the heck
are you?



MARIA ANTONIA ODELIA GREGORIO ARROYO



this is
what
you
see

this is what i see

- Graduated 125th out of 225 students
(Philippine Science High School – 1995)
- Took 6 years to finish a 4 year course
(University of the Philippines – 2001)
 - Flunked Calculus 4x, Physics 2x
 - GPA 2.69
- Realized most of the stuff I wanted in life was going to take money
- Decided to look into making business out of biology



—
NOTHING
LESS
NOTHING
LEFT
—

what do you actually **do**?

i enable people
to change
their world

no, we mean, what's your **job**?

I don't have a job.
I have a passion that
I happen to get paid for.

Ok but how can we **tag you?**

#biologist #entrepreneur

#teacher #investor

#gamer #geek #patriot

#relentless

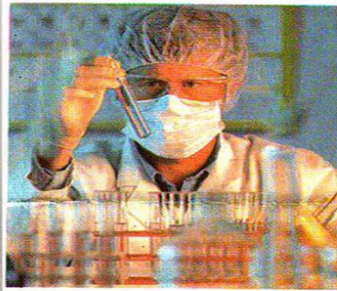
Local company recognizes biotechnology's potentials

Picture this: In the morning, you and your family eat a delicious breakfast of fruits containing your RDA of vitamins and minerals, eliminating the need for vitamin pills. In addition, they've been grown sans chemicals, using nonpolluting biofertilizer and biopesticides. At work, you press your thumb against a biometric panel to enter the office and start your computer. Your company uses biological enzymes to manufacture its products, and does so quickly and cheaply in an environmentally friendly way.

No, it's not a Jetsons-inspired fantasy. All this is possible through biotechnology, the simplest definition of which is a convergence of disciplines that harness living things to make products better, faster or cheaper. In other words, it is using living things to make sure that we live life well.

Biotechnology isn't a new science, but it is a combination of many other disciplines, such as biochemistry and pharmacology. Classical biotechnology includes traditional activities such as food processing, while modern biotechnology operates at the molecular level of life—directly manipulating DNA and proteins. Both manage the machinery of living things for a useful result. Industries using biotechnology are currently estimated to account for more than a third of the world's GDP.

Many entrepreneurs and businessmen believe that in less than a generation, every company will use or benefit from biotechnology (just as every business now uses the internet), and Filipinos stand to benefit greatly from private and public investment in biotechnology.



was born.

Had the Filipino scientists who laid the groundwork for these products been made aware of their entrepreneurial opportunities and intellectual property rights, they could have filed for patents, commercialized their discoveries, and blazed a trail for firms which have the potential to become forces on the worldwide market.

But there are those who recognize the potential in

cialize their technology; it is a marriage of entrepreneurship and science.

"Post-its, the cellular phone, the ballpoint pen, disposable diapers – if these inventions weren't properly commercialized, our lives would be much more difficult. Biotechnology is simply using the characteristics of living things to make products or services better, faster, cheaper. Hybridigm's main function is to enable people to achieve their dreams. Most of our clients are scientists with a vision of their discoveries helping our country and the rest of the world," explains Arroyo.

Hybridigm commercializes scientific technology on behalf of scientists; it is a marriage of entrepreneurship and science. Thus Hybridigm offers services needed by scientists who have great inventions and products.

High technology creates new wave of successful Filipino entrepreneurs

Experts weigh in on how to boost technopreneurs By OSCAR GOMEZ

Welcome to Entrepreneurship 2.0. It's happening right here through a wave of Filipino engineers and technology investors who are igniting their success stories.

"Technopreneurs" bring the spirit of enterprise to a higher level—taking us into a world of brilliant innovation, higher risk-taking, selling to global markets, exponential growth, and soaring profits. You've heard all about them: there's the bright Harvard grad who

high-tech ventures. Best of all, these technopreneurs strongly believe the IT innovations driving growth in many economies around the world can be replicated in the Philippines.

Gutango sums up the shared sentiment among these technopreneurs: "Our substantial impact on the Philippine economy will be the mindset and perspective of what a Philippine technology company is capable of, but hopefully, will change forever."

"The so-called Silicon Valley ecosystem is really about getting people together—where somebody develops intellectual property, another turns it into a useful product, somebody finances it, and another purchases the product. Everyone there lives and breathes computing and technology," he adds. (It's part of Silicon Valley lore that you can start an interesting company there just by talking to someone you meet while talking to someone

